

19990717.qrp v01_n521.qrl.990717

Date: Sat, 17 Jul 1999 19:03:21 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1521

QRP-L Digest 1521

Topics covered in this issue include:

- 1) [45322] Re: QST - Milliwatting and Paddle
by "Chuck Adams K5F0" <adams@ticnet.com>
- 2) [45323] Re: 72
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 3) [45324] Re: 72
by Lee Bahr <bahr521@earthlink.net>
- 4) [45325] AL7FS Results - SWL SW40+ and new RIT (Elmer 101)
by "Larsen, Jim" <JLarsen@alascom.att.com>
- 5) [45326] Re: Testing
by "Chuck Adams K5F0" <adams@ticnet.com>
- 6) [45327] Trade...
by Mighty Mik <mitymik@hooked.net>
- 7) [45328] Posting Problem
by "Alex" <aturner@netunlimited.net>
- 8) [45329] Re: Grounds?
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 9) [45330] RE: Life's too short ...
by "Mike D." <hrg@megsinet.net>
- 10) [45331] Re:Grounds?
by "Dennis & or Jennie" <denjen92@net-link.net>
- 11) [45332] Re: QRP-L digest 1520
by "Hugh Matheson" <hugh@dim.com>
- 12) [45333] DSW-20 on the air - Museum Ships
by n5ib@juno.com
- 13) [45334] Length of ladder line
by Tim Ahrens <tahrens@hilconet.com>
- 14) [45335] Re: Length of ladder line
by david fouchey <dafouchey@home.com>
- 15) [45336] Re: Length of ladder line
by "Walter Dufrain" <walter@inlink.com>
- 16) [45337] Re: Testing
by "Jerry Decker" <n5rv@hex.net>
- 17) [45338] 2N22/40
by "Alex" <aturner@netunlimited.net>
- 18) [45339] The Latest Roster of Bumblebees
by "Russ Carpenter" <russ@natworld.com>
- 19) [45340] R/W CDs and regular CD

- by "Buck, Preston D" <BuckPD@corning.com>
- 20) [45341] Logic Family Properties and Reference Books
by "James R. Duffey" <jamesd1@flash.net>
- 21) [45342] Life's too short
by hamjoel@juno.com
- 22) [45343] Cheap and Easy yagis
by "James R. Duffey" <jamesd1@flash.net>
- 23) [45344] qrp spirit - a fun qso
by "Paul Norman Craig, Jr." <n3ysi@easy-pages.com>
- 24) [45345] Mixer leads?
by "George Heron" <n2apb@erols.com>
- 25) [45346] cheap and easy yagis
by "The one and only!" <mitch96@pobox.com>
- 26) [45347] Low Power Experiment Continues
by Ed Kessler <edkess@epix.net>
- 27) [45348] Re: ? CW HF Grid Squares In August
by N7YA@aol.com
- 28) [45349] Antennas, antennas,
by "Chuck Adams K5FO" <adams@ticnet.com>
- 29) [45350] First QRP PKS31 Contact
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 30) [45351] Adding (RIT) to the Elmer 101 SW40+ de AL7FS
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 31) [45352] QRP-L Archive CD v2 - STILL AVAILABLE
by "Paul R. Valko" <prvalko@oakland.edu>
- 32) [45353] Re: Antennas, antennas,
by Bruce Hopkins - KL7H <kl7h@arrl.net>
- 33) [45354] New Antenna Book
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
- 34) [45355] Life's too short
by hamjoel@juno.com
- 35) [45356] Re: Length of ladder line
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 36) [45357] Re: cheap and easy yagis
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 37) [45358] Re: 72
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
- 38) [45359] Fw: Length of ladder line
by "Nick Kennedy" <nkennedy@cswnet.com>
- 39) [45360] The Latest Roster of Bumblebees
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 40) [45361] IS IT ME
by hamjoel@juno.com
- 41) [45362] Re: Need SWL Progam List
by "William R. Colbert" <af852@rgfn.epcc.edu>
- 42) [45363] DSW-40
by David S Byington <n0xes@juno.com>
- 43) [45364] Re: qrp spirit - a fun qso

by "Steve/n0tu" <n0tu@webaccess.net>
44) [45365] info
by tom whalen <wb5qyt@eFortress.com>
45) [45366] G5RV on 30M ?
by "Steven Weber" <kd1jv@moose.ncia.net>
46) [45367] RE: DSW-40
by "Ed Tanton" <n4xy@att.net>
47) [45368] re: Low Power experiment
by Jim Hale <kj5tf@yahoo.com>
48) [45369] RE: SW20 and DSW40
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
49) [45370] Re: CD - Got it / It Works!
by David Brunner <anon6622@nyx.net>
50) [45371] 72 =QRP 71= QRPp
by Jim Hale <kj5tf@yahoo.com>
51) [45372] Re: G5RV on 30M ?
by Todd McCoy <kb4dpf@qsl.net>
52) [45373] RE: G5RV on 30M ?
by "Ed Tanton" <n4xy@att.net>
53) [45374] Re: Low Power experiment
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
54) [45375] Re: Nice QRPp QSO
by KD1YV <jimkd1yv@snet.net>
55) [45376] Re: G5RV on 30M ?
by Jay Freeman <jayFreem@direcpc.com>
56) [45377] New Antenna Book
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
57) [45378] Re: [45256] Re: Yagi Questions
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
58) [45379] Beta Testers 20-25 WPM CD
by "Chuck Adams K5F0" <adams@ticnet.com>
59) [45380] Logging software info
by Monte Stark <ku7y@dri.edu>
60) [45381] Trade for MFJ9020
by "Francis Callahan" <colcal@srv.net>
61) [45382] OT: QRO and audio phenonema topics
by "Chuck Adams K5F0" <adams@ticnet.com>
62) [45383] Fw: Low Power experiment
by "Randy Jouett" <rules@bellsouth.net>
63) [45384] Re cheap mixer lead
by Mike Czuhajewski <wa8mcq@erols.com>
64) [45385] re: audio-out freq. counter for the SST (was: "info")
by Wayne Burdick <n6kr@elecraft.com>
65) [45386] QSL printing programs
by osier <osier@northnet.org>
66) [45387] Re: Length of ladder line
by Monte Stark <ku7y@dri.edu>
67) [45388] MiniCircuits application notes

by Mike Czuhajewski <wa8mcq@erols.com>
68) [45389] PM-3A For Trade
by "Richard Arland" <r_arland@hotmail.com>
69) [45390] QRP rigs F.S.
by Roy Lincoln <wa4dou@usa.net>
70) [45391] Re: QRP-L Archive CD v2 - STILL AVAILABLE
by John Sullivan <kg0mz@southwind.net>
71) [45392] Digital project idea
by Kirk Job Sluder <csluder@indiana.edu>
72) [45393] FS: SW-40 (Unique packaging)
by "Tim Cook" <timcook@erinet.com>
73) [45394] Ladderline feed
by Michael Fletcher <kl7ixi@usa.net>
74) [45395] FS: EICO Model 715 Trans/MAach -Ham-CB Tester
by "Tim Cook" <timcook@erinet.com>
75) [45396] THANKS
by "Robert G. Seymour" <bobsey@juno.com>
76) [45397] Re: THANKS
by K4AHK@ix.netcom.com
77) [45398] Hash
by barry kirkwood <bjk@ihug.co.nz>
78) [45399] UTC or ZULU
by "Charles Hamel" <cdhamel@pdq.net>
79) [45400] Re: UTC or ZULU
by "Richard Arland" <r_arland@hotmail.com>
80) [45401] NorCal Capacitor kit
by "Ron Polityka" <wb3aal@talon.net>
81) [45402] Re: UTC or ZULU
by Richard Rood <fcs@juno.com>
82) [45403] RE: If you don't try, you'll never know
by N0tk@aol.com
83) [45404] Tim Ahrens <tahrens@hilconet.com>: Length of ladder line
by "Robert G. Seymour" <bobsey@juno.com>
84) [45405] EMTECH did someone have an address ?
by Stanley Wilson <microres@crl.com>
85) [45406] Re: EMTECH did someone have an address ?
by Dave Sjolín <sjolin@swbell.net>
86) [45407] WHAT A DAY!!!
by "Rod Cerkoney" <rlc@frie.com>
87) [45408] Still MORE CQC picnic pix
by "Marshall Emm" <mgemm@mtechnologies.com>

Date: Fri, 16 Jul 1999 17:55:27 -0500
From: "Chuck Adams K5FO" <adams@ticnet.com>
To: bmug@gw1.com
Cc: qrp-l@lehigh.edu

Subject: [45322] Re: QST - Milliwatting and Paddle
Message-ID: <E115Fky-0006Ga-00@pop3.ticnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Brad et.al.,

The picture has a QRP+, an OHR WM-2, and an
Envirotronic 501F paddle, the earlier model.

The later model has black plastic knurled
knobs for adjusting instead of the straight
slotted screws.

I have some pictures on the web page somewhere
I think. I sold the paddle last week, though.

FYI

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo/>

Date: Fri, 16 Jul 1999 18:00:10 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: <ac5ez@webtv.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [45323] Re: 72
Message-ID: <008401becfde\$f57dbc20\$0a37a497@aa5tb>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Larry,

I agree. I don't like the idea of giving someone less "Best Wishes" : -)
Besides, in the early days of telegraphy 72 meant something else. I have
just forgotten what it was at the moment.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs

<http://home.swbell.net/aa5tb>

Date: Fri, 16 Jul 1999 18:25:41 -0500
From: Lee Bahr <bahr521@earthlink.net>
To: aa5tb@swbell.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45324] Re: 72
Message-ID: <378FBF75.8B3EAE76@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

No, you are not giving them less. You are giving them the same thing for less! QRPers do it with less, they provide the same thing with less!
Lee Bahr w0vt Houston

"Steve Yates, AA5TB" wrote:

>
> Larry,
>
> I agree. I don't like the idea of giving someone less "Best Wishes" : -)
> Besides, in the early days of telegraphy 72 meant something else. I have
> just forgotten what it was at the moment.
>
> 73,
> Steve Yates - AA5TB
> Fort Worth, TX - EM12gs
> <http://home.swbell.net/aa5tb>

Date: Fri, 16 Jul 1999 15:38:05 -0800
From: "Larsen, Jim" <JLarsen@alascom.att.com>
To: "Dave NN1G Benson (E-mail)" <bensondj@aol.com>, "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Cc: "'al7fs@qsl.net'" <al7fs@qsl.net>
Subject: [45325] AL7FS Results - SWL SW40+ and new RIT (Elmer 101)
Message-ID: <912D82D764AAD211B83A0008C7A4594C93357D@alascomexc2.alascom.att.com>
MIME-Version: 1.0
Content-Type: text/plain

For all you Small Wonder Labs SW-XX owners:

I recently decided I needed the RIT (http://smallwonderlabs.com/swl_rit.htm) on the SW40+ (http://smallwonderlabs.com/swl_swp.htm) that I use for business travel trips. After the modification, I found that my frequency range had changed from 7.009-7.044 down to 7.009 to 7.033. This was what is predicted in the RIT Instructions. So far so good.

I began to tack on capacitors to the bottom of the board to change the value of C8. I followed the range suggestions in the Instructions sheet but nothing I did seemed to improve the tuning range. I finally gave up on C8 and left it at the stock value even though my tuning range was still reduced.

Again, per the Instructions, I changed C7 (68 pf in my case) to move the range back up the band. I chose to use the next smallest value in my parts drawer (56 pf - I did not go all the way down to the 47 pf in the chart in the SW40+ manual) to give me a range of 7.0226 to 2.047. (Thank you NORCAL Capacitor Kit. <http://www.fix.net/~jparker/norcal.html>) I did tweak on the spacing on L1 to help bring the range closer to what I needed. I decided this new range was ok as I seldom use my extra class privileges and it gave me a more even spread on the dial. The RIT works as advertised and I am sure I will enjoy this when I call CQ and have to tune around for stations. I have found stations off frequency by over 1 kHz from time-to-time.

There are no new contacts with the SW40+/RIT but I expect some on my next business trip to the Lower 48. This is primarily my travel rig. Power out to a slightly mismatched inverted-V antenna reads 2.8 watts on the OHR WM-2. I suspect it would read closer to 2 watts into a 50 ohm load.

For you Spartan Sprint folks (<http://www.natworld.com/ars/>), The SW40+ with the RIT now weighs 11 ounces. I have the SW40+ custom case. Batteries are 8 ounces, Micro-Key is 1 ounce, and Kenwood earbuds are only an ounce or two. The next addition to the SW40+ will be a built in Tick Keyer. With all these upgrades, I now just need to be in the lower 48 for a Spartan Sprint.

73, Jim

Jim Larsen, P.E.
AL7FS
<mailto:al7fs@qsl.net>

Date: Fri, 16 Jul 1999 18:06:11 -0500
From: "Chuck Adams K5FO" <adams@ticnet.com>
To: n5rv@hex.net
Cc: qrp-1@lehigh.edu
Subject: [45326] Re: Testing
Message-ID: <E115FvH-00008I-00@pop3.ticnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Jerry et.al.,

I get email all the time about these problems.
So here are some hints.

Make sure that your emailer DOES NOT send out
any ANY NADA ZIP attachments or MIME or ...

Plain ASCII and no HTML. This is a mail group,
not a surfing group. :-)

99.9% of the cases are caused by stuff being
appended by mailers.

FYI

Hope this helps.

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo/>

Date: Fri, 16 Jul 1999 17:14:09 -0700
From: Mighty Mik <mitymik@hooked.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [45327] Trade...
Message-ID: <378FCAD0.70091C73@hooked.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

since i saw a Zoom 9002 listed earlier ...I have one also...that i'll

TRADE for a TenTec 6 meter transverter (20 - 6)
(the 9002 is the QRP of guitar effects)

--

@@
72/73 de Mick, WD8MNV/6 QRP-L #1673 QRP-C #118 ZOMBIE #441
NC20 SWL40+ ZM-2 DSP-3 rocket scientist and a 6 meter wanna be.(soon,
very soon)
Aeropac #111 Tripoli #3071 Level 2 GRID CM87

Date: Fri, 16 Jul 1999 20:50:16 -0400
From: "Alex" <aturner@netunlimited.net>
To: <qrp-1@lehigh.edu>
Subject: [45328] Posting Problem
Message-ID: <00d901becfee\$569abc60\$5fd49ed0@pentium-ii>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Have had some problem with posting. So here goes another shot at it.

Alex N4BYJ

Date: Fri, 16 Jul 1999 19:50:33 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: <aa5tb@swbell.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [45329] Re: Grounds?
Message-ID: <00a901becfee\$60fe57c0\$0a37a497@aa5tb>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Oh Yeah!

Why do you need the tuner on 40m if your using a 40m dipole? I guess it
could come in handy if the dipole may have to be routed in an odd fashion
that causes it to detune significantly but normally it shouldn't be needed

with the setup you speak of.

Steve Yates - AA5TB

Date: Fri, 16 Jul 1999 19:53:48 -0500
From: "Mike D." <hrg@megsinet.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45330] RE: Life's too short ...
Message-ID: <000801becfee\$d45d4140\$6fccd6d8@mike1.urbancom.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

It's not the size of the rig, it's what you do with it. (has a ring of familiarity to it)

73 de Mike, N9BOR
FISTS NR 4594
<http://www.qsl.net/n9bor>

di dah dit - The only roger beep you'll ever need.
My designated driver is a 12BY7A.
Solid State leaves me cold.

Date: Fri, 16 Jul 1999 21:08:06 -0400
From: "Dennis & or Jennie" <denjen92@net-link.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [45331] Re:Grounds?
Message-ID: <002101becff0\$d4709040\$cf8e59cf@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to all whom replied to my questions. I knew that I could find the answers on this great list.
Dennis KB8SOJ

Date: Fri, 16 Jul 1999 19:26:12 -0600
From: "Hugh Matheson" <hugh@dim.com>
To: <qrp-l@Lehigh.EDU>
Subject: [45332] Re: QRP-L digest 1520
Message-ID: <001001becff3\$5c517f40\$91037cce@hugh>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yep, I'm one of those. Put me on your list. And I certainly agree that
callsigns should reflect location of tx!

72,
Hugh K0QD

Date: Fri, 16 Jul 1999 21:34:30 EDT
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [45333] DSW-20 on the air - Museum Ships
Message-ID: <19990716.192608.4775.1.N5IB@juno.com>

Finished my DSW-20 tonight. Works great. What a neat rig!!

I am resisting the urge to QSO with it tonight. I want to make the first
one from the USS Kidd during the Museum Ships special event this weekend.
I will try to come up on the 20 m (mostly day) and 40 m (mostly nite) QRP
frequencies at least several times and will try to get a posting onto this
list (have to 2 m relay to home QTH where computer is) with more schedule
info as I find out. Regular CW frequencies are 30 kHz up from the band
edge, will try to make periodic QRZ QRP when on those freqs as well. We
are planning an around-the-clock operation with probably 2 QRO rigs plus
whatever I can muster for QRP.

72 me hearties....

Jim N5IB

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Fri, 16 Jul 1999 20:31:48 +0000
From: Tim Ahrens <tahrens@hilconet.com>
To: qrp-1@lehigh.edu
Subject: [45334] Length of ladder line
Message-ID: <378F96B4.21388C26@hilconet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Anybody use long lengths of ladder line (>200 feet)?

Too long?
Comments?

Thanks,

Tim W5FN

Date: Fri, 16 Jul 1999 21:54:29 -0400
From: david fouchey <dafouchey@home.com>
To: tahrens@hilconet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45335] Re: Length of ladder line
Message-ID: <378FE255.67633943@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Why would it be? Properly installed and terminated it should be far less lossy than Coax I would think. But its a good question.

Experts?

Dave WA4EMR

Tim Ahrens wrote:

>
> Anybody use long lengths of ladder line (>200 feet)?
>
> Too long?
> Comments?
>
> Thanks,
>
> Tim W5FN

Date: Fri, 16 Jul 1999 21:02:27 -0500
From: "Walter Dufrain" <walter@inlink.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [45336] Re: Length of ladder line
Message-ID: <016101becff8\$6d96f000\$6b6ac4ce@nexar>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yes, the 450 ohm ladderline to the 160 and 80 meter loop is 225 feet long. It is supported about every 20 feet via double dacron line from the trees. Been doing this right at 4 years and I do change out the feedline every 2 years since the wind, snow & ice build-up put a lot of stress on the system.

73 Walter Dufrain, AG5P Wright City, Missouri
"my call sign is pre-marital stuff, and it ain't gonna get changed, no matter which Coast I would live at."

<<<snipped>>>

>Anybody use long lengths of ladder line (>200 feet)?
>Too long?
>Comments?
>Thanks,
>Tim W5FN

Date: Fri, 16 Jul 1999 21:21:24 -0500

From: "Jerry Decker" <n5rv@hex.net>
To: <qrp-l@lehigh.edu>
Subject: [45337] Re: Testing
Message-ID: <000901becffb\$1227ed20\$0201a8c0@jdecker>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Thanks for everyones help regarding my email woes. Sure is good to be part of a group that is willing to help out.

de Jerry N5RV

N5RV Jerry Decker - Red Hot NC20 - G-QRP #10353 - QRP-L # 1969
Irving, Texas - EM12MT - N32 48' 17'', W96 57' 31'' - 14.060MHz CW
ARRL Member

----- Original Message -----

From: Chuck Adams K5FO <adams@ticnet.com>
To: <n5rv@hex.net>
Cc: <qrp-l@lehigh.edu>
Sent: Friday, July 16, 1999 6:06 PM
Subject: Re: Testing

>
>
> Jerry et.al.,
>
> I get email all the time about these problems.
> So here are some hints.
>
> Make sure that your emailer DOES NOT send out
> any ANY NADA ZIP attachments or MIME or ...
>
> Plain ASCII and no HTML. This is a mail group,
> not a surfing group. :-)
>
> 99.9% of the cases are caused by stuff being
> appended by mailers.
>
> FYI
>
> Hope this helps.
>

>
> Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo/>

Date: Fri, 16 Jul 1999 22:28:23 -0400
From: "Alex" <aturner@netunlimited.net>
To: <qrp-l@lehigh.edu>
Subject: [45338] 2N22/40
Message-ID: <001401becffc\$0b585880\$5fd49ed0@pentium-ii>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Is there a kit for the 2N22/40? If not is there one vendor that has all or most of the parts. Thanks.

Alex,N4BYJ
aturner@netunlimited.net

Date: Fri, 16 Jul 1999 19:29:28 -0700
From: "Russ Carpenter" <russ@natworld.com>
To: "QRP-L List" <qrp-l@lehigh.edu>
Subject: [45339] The Latest Roster of Bumblebees
Message-ID: <199907170223.TAA10884@guppy.pond.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Here is the updated roster for the Flight of the Bumblebees. On Sunday, July 25, 100 intrepid Bees will hike, bike, and paddle to some of the greatest country in the US. Home based operators--don't miss it!

For a complete description of The Flight of the Bumblebees, buzz on over to http://www.natworld.com/ars/pages/bumblebees/bb_rules.html.

Name	Call	BB #	Location
Tom	KB80FO	45	General Morgan's Monument, OH

Frank	KT1VT	65	Eagle Mountain, VT
Dale	KB0VCC	54	Kearsarge Mountain, NH
Rich	K7SZ	70	
Bob	N7XJ	83	
Larraine	AC6XK	1	
Camerson	KT3A	21	
David	W)CH	2	Roaring River State Park, MO
Mike	K04WX	20	
Brad	W5CGH	6	
Dennis	N4DD	44	Chestnut ridge in Kingsport,TN
Derek	WF4I	10	Moore's Knob, Hanging Rock, NC
Larry	WD3P	22	
Dave	W9SUL	7	
Russ	AA7QU	80	Cascade Mountains, OR
Mary	NA6E	68	
Brian	NQ9RP	4	Cudahy, WI
Bill	KR4TZ	56	
John	WB6MFS	92	Isla Guyabitos, Mexico
Bob	AD4MZ	66	Tryon Peak, NC
John	VE3JC	33	
James	AE4HS	95	Blackrock Mountain, BA
Rob	KA2BEO	57	
Kieth	WU0H	60	Black Hills, ND
Doc	W5TB	3	Goat Island on Lake Worth, TX
Bob	W4ED	32	Frosty Mtn, GA
Ken	WA4SQM	90	Overlands Trails, GA
Paul	VE7CQK	5	
Gary	AA6R	27	Kaiser Wilderness CA
John	N0HJ	35	Near San Raphael, CA
Greg	AK7Y	72	Noble Mountain, AZ
Richard	KI6SN	61	Box Springs Mountain, CA
Mike	N0MF	98	Preparation Canyon State Park, IA
Randy	K7TQ	53	
Bary	AA7LE	39	Fern Ridge Reservoir, OR
Layton	VE1MT	47	Kedjimkujik Park, Nova Scotia
Steve	N0TU	28	
Joe	AB7TT	24	Mountain near Flagstaff, AZ
Kevin	N2TO	11	Cannonball Park in Brooklyn, NYC
Bruce	N7CEE	30	Schultz Peak, near Flagstaff, AZ.
Jeff	AC6KW	31	Sailboat in the Sacramento Delto, CA
Armin	VE3TEQ	94	Island in Georgian Bay, Ontario
Cam	N6GA	89	
Tim	NM8Y	93	Hargus Lake. Ohio
Harvey	N6MM	74	Mt. Pinos, CA
Scott	K7ZEN	81	Near Flagstaff, AZNear Flagstaff, AZ
John	N10LO	48	Sherwood Island State Park, CT
Bill	N8ET	69	
Ike	N3IK	73	

Neil	W0YSE	75	Wasatch Front, UT
Mike	KF2EW	77	
Ken	VE3ELA	84	Southern Georgian Bay, Lake Huron,
Ontario			
Ed	K1VP	91	
Bob	WA2HOQ	96	New Bold Island, NJ
Doc	K0EVZ	14	
Ed	WE6W	101	
Mike	N3YVC	64	Coopers Rock State Forest, WV
Seab	AA1MY	99	Mt. Beacon, CT
David	N2SMH	50	Round Valley Reservoir, NJ
Joel	K1QM	8	Mountains near Albany, NY
Dean	N2TNN	23	
William	WD8RIF	46	
Geno	NR0NR	36	
John	WB4OFT	13	Mr. Mitchell, NC
Jan	N0QT	40	
Mike	W3TS	42	
Jon	KD3FG	29	
Brian	KB9BVN	100	Lake Monre, IN
Ken	N2CQ	37	
Dave	N0IBT	25	Indian Peaks Wilderness, CO
Jeff	AA8PJ	26	Tuscarawas Valley, Dover, OH
Ron	WB3AAL	15	Pulpit Rock, PA
Dan	N7CQR	38	Cascade Mountains, OR
RACC	K5RAC	9	Red Cane Park in Arlington TX
Jack	WA7LNW	86	Zion National Park, Utah
Bill	KB2RAR	78	
Fred	AB0AE	41	
Rick	KF4AR	43	Charlotte, NC
Chuck	N05W	82	
Steve	K7PX	63	Bitterroot Mountains, MT
Dick	W0CQC	52	Portable from somewhere in MI
Bill	K5LN	97	Russell Park, George town, TX
Les	K4NK	58	Blue Ridge Mountains, NC
Arthur	W6AGS	55	Wheeler Ridge, CA
Gary	N0SXX	49	Black Hills, SD
Wes	AC5K	88	
Jim	W4QO	62	Kennesaw Mountain Battlefield, GA
Morgan	K5HWT	34	"Mountain View Crest/Dollar Lake, CO
Paul	AA4XX	17	Topsail Island, NC
John	KG0MZ	67	
Rick	KQ6NO	85	Bishop Creek, High Sierras, CA
Allan	K7GT	87	Buena Vista Crest, Yosemite
Bob	N6WG	19	Chabot Park, SF Bay, CA
Bruce	KK7OM	18	
Kent	AB7OA	79	Mountains near Flagstaff, AZ
Paul	AA8WQ	76	

Dan	N4ROA	71	Clinch Mountain, VA
Peter	VE3GYY	59	Niagara Escarpment, Ontario
Dave	W7AQK	51	Bumblebee, AZ
Ron	KI0II	16	Lake Mc Conaughy, in west central NE

Date: Fri, 16 Jul 1999 22:35:38 -0400
From: "Buck, Preston D" <BuckPD@corning.com>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [45340] R/W CDs and regular CD
Message-ID: <9C472CF03C5ED111BBF20000F84A170101249927@EAGLE.CORNING.COM>
Content-Return: allowed
Mime-Version: 1.0
Content-Type: text/plain

Hi Chuck and gang,

I was talking about CD R/W with one of the IT folks at work. He said that the R/W CD drives don't have lasers that are as powerful as the CD-R drives, and as such don't have the same depth of burn as a CD-R. So less signal from the CD-R/W, while the regular CD drives don't have receive optics that are as sensitive as the CD-R/W.

In radio terms:

- CD-R/W - qrp laser, foxhunter receive optics
- CD-R - qro laser, average receive optics
- CD - SWL only, average receive optics

73

Preston, n0g1m/2, Southern NY state

My words, not my employer's

Chuck - K5FO wrote:

Thanks. I still haven't gotten an answer why the R/W CD's don't work in place regular CDs in old drives and Walkman-type audio players.

Date: Fri, 16 Jul 1999 20:33:34 -0600
From: "James R. Duffey" <jamesd1@flash.net>

To: wb0poq@visi.com
Cc: Qrp-1@lehigh.edu
Subject: [45341] Logic Family Properties and Reference Books
Message-ID: <199907170235.VAA28793@mailgw.flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey Bob - I didn't see a reply to your query:

"Anyone know of a site where I can get a breakdown of the characteristics of the different types of IC logic families, ie, 74, 74LS, 74HCT, etc?",

so I will give it a try.

I don't know of any site that has that information, but it is in the best reference book a Ham can buy: "The ARRL Handbook for Radio Amateurs". My 1998 version has that information on page 24.24 in a table entitled 'Logic Families'. Lots of good information in that thick volume.

The ARRL Handbook editors had the good sense to lift this table from Horowitz and Hill. Proper credit is given of course - I don't mean to imply the ARRL are plagiarists - my last negative comment on ARRL publications brought a flood of e-mail. It isn't stealing if you give the proper reference. :^)= The Handbook is a fine publication.

No one should be without a Handbook. I don't see why it doesn't outsell the Bible. :^)

I just noticed for the first time - the handbook name has changed!! Some time between 1980 when my copy says "The Radio Amateurs Handbook" to 1993 when it has the present title. I didn't buy many Handbooks in the 80s. It has been changed for at least 6 years-boy am I slow on the uptake! My 1954 copy also says "The Radio Amateurs Handbook" as does the first one I purchased in 1964. I will go to the library this weekend to check this out. The UNM library has a large set of ARRL Handbooks. A great radio history lesson in two and a half shelves.

"The Art of Electronics" by Horowitz and Hill has an excellent summary of the properties of the different types of logic families as well as well as many tables of recommended parts such as op-amps and voltage regulators.

You should be able to find this excellent volume in any reasonably sized library. It is a common book so your library can probably get it from interlibrary loan if it is an unreasonably sized library.

You can also find Handbooks in most libraries reasonable or otherwise.

Horowitz and Hill is a good investment if you already have the Handbook and "Solid State Design" by Hayward and DeMaw and are looking for another good electronics design reference. It is pricey, I paid \$48 for mine, but you may be able to get it for less at a discount bookstore. Rumor has it that a third edition is on its way, but I can't get my wife to check on that with the Cambridge Press representative.

I hope that this helps. Let me know if you have any other questions. -Dr. Megacycle KK6MC/5 (yes it is out of area, but I usually sign /5, stroke 5, stroke, stroke, stroke...)

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Fri, 16 Jul 1999 23:12:08 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [45342] Life's too short
Message-ID: <19990716.231316.-286109.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Highest greetings to one and u'all

Life's too short
Extend it with qrp

(check with ur doctor first)

Normal side effects:
better self esteem
increased "can do attitude"
tendency to favor "CW"
increase in "home brew" activities

Joel KE1LA
In Maine
Enjoying life's extension

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Fri, 16 Jul 1999 21:30:16 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: ccart@phideaux.com
Cc: Qrp-1@lehigh.edu
Subject: [45343] Cheap and Easy yagis
Message-ID: <199907170332.WAA24134@mailgw.flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Chris - I noted your question on Yagi antennas for the VHF bands. The following URL has designs for excellent Yagis designed by Kent Brittain, WA5VJB:

<http://www.clarc.org/Articles/uhf.htm>

I have built the 2 meter versions and they can be built in an evening and work great with no tuning. They can be built from common materials found around the house (sorry Groucho) wooden booms, Copper wire and Aluminum rod or wire.

There are designs for all the VHF/UHF bands from 2 meters up to 1296 MHz in the URL.

The one drawback is that they are relatively small antennas; the longest 2 meter antenna is 6 elements. But that is more than 10 dB gain, so it is a good antenna to start with.

If you want to try something longer, the Quagis described in the Handbook are also easy to build from common materials and require no tuning. They will give you 12 dB or so on a 14 ft boom at 144MHz. The wooden boom makes them easy to construct.

The NBS Yagis were excellent designs in there day, but have been superseded by modern designs that are computer optimized. Ham Radio published an article on designing Yagis based on the NBS designs in the late 70s. It has much of the information in the NBS circular in a form that is accessible. I can get you the exact reference if you wish me to do so.

Element scaling is straight forward and is included in earlier version of the ARRL Antenna Book. The latest version does not include this information in the text, a major omission in my opinion, but I think a program to scale elements is included in the software included with the book. They just don't

explain the "why of the calculation". That program may also be on the ARRL Web site, another reason to become an ARRL member.

The Brittain Yagis and the Quagis are good places for a beginner to start building VHF/UHF antennas. The designs are proven, easy to reproduce and perform well. They are probably within a dB or two of optimum gain for the boom length used. The Brittain Yagis have low sidelobes, an advantage for low noise applications such as satellite work.

I hope that this helps . You can build either of the antennas I have described in a couple of hours tomorrow. Even if you have to take a trip to Builders Square and Radio Shack. Honest. - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Fri, 16 Jul 1999 23:26:58 -0400
From: "Paul Norman Craig, Jr." <n3ysi@easy-pages.com>
To: "'qrp-l'" <qrp-l@lehigh.EDU>
Subject: [45344] qrp spirit - a fun qso
Message-ID: <01BECFE4.98C39440@d86.easy-pages.com>

Qrp Lovers,

This evening I was cruising 20 meters, taking a spin in the new DSW and I hear a faint qrl?. GA, I send and a CQ comes out from N0TU/qrp/m. It's Steve on his way home to Monument from Co. Springs working his NC20 with style and finesse. The band isn't real good for us with qrm (digital on my end and a good 12dB louder than Steve's mobile) and rain static for Steve (we could be so lucky as to have rain here in eastern PA), not to mention the normal qsb of an undecided 20 meters on Friday night. Steve sent me a quick exchange of pertinent data and I had solid, but fading, copy and then turns it to me. I went through the usual discourse, GE, name, qth, wx & rig. Steve comes back saying the rain static wiped me out - gess we btr hang it up om 72 es ge..... Undaunted I go back to him again with the particulars and he now has me solid saying it's a good thing we stuck it out, isn't this what sets qrp operators apart from the rest of the bunch. Back and forth we went with questions on rigs and radiators but then the digital station at my end quadruples his power and I'm losing Steve. I send back to him asking if he is on qrp-l but he needs a repeat of my question. I should have known the answer, of course he's on the list and he gives me his e-mail too.

Ain't Life Grand??? (sri abt the slang Chuck, I just felt good about this one)

72 and God Bless
de n3ysi
Paul in Quakertown, PA

Date: Sat, 17 Jul 1999 00:24:59 -0500
From: "George Heron" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [45345] Mixer leads?
Message-ID: <00e501bed014\$d5e91c20\$b6ceaccf@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Joe Everhart, N2CX and I have been working at the bench all day today refining the Fireball 40 "SOP" Receiver (the new receiver kit coming soon from the NJQRP) and we have a question ...

... anyone have a good lead for an inexpensive diode ring mixer? In quantities of 500 or more?

We heard that some vendor has a plastic case version at very attractive prices, but we can't find anything less than 3 bucks or so. At that price we'd be forced to use discrete diodes and toroids with tri-filar windings yuck! Now *there's* an incentive! ;-)

Wait 'til you hear this receiver! It's a DC-to-daylight design that can be put on any of the HF bands. And it's a nice companion design to the popular FB40 QRPP transmitter, fitting into a matching Altoids tin (of course!) Kit availability will be in August ... more soon on the Jersey club website (www.njqrp.org).

Funny, we've been listening to W1AW all day long with the receiver breadboards ... we feel our code speed is sharpened as a result of this project! And like after the contests, even the refrigerator compressor sounded like it was sending official ARRL bulletins!!

Thanks in advance for the help.

72, George N2APB & Joe N2CX

Date: Sat, 17 Jul 1999 00:36:19 -0400
From: "The one and only!" <mitch96@pobox.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45346] cheap and easy yagis
Message-ID: <37900843.F817FA0@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

this would be great for my "other" qrp rig.....my cell phone.
the only problem is that there is no way to hook up my cell phone to the
feed line. Hummmmmmm. could you some how "inductively" match the feed
line from the yagi to the cell phone antenna????
i have sprint, and have the anytime anywhere plan so i use the cell for
all my long distance calls from home. my signal err, well,ah, to say the
least,,..... creates a vacuum. ketch ma' drift?..
the yagi, pointed at the cell tower would work wonders if i could hook
it to my non removable cellphone antenna.
any suggestions???
Mitch ww4ml, hollyweird fla.

Date: Sat, 17 Jul 1999 00:37:36 -0400
From: Ed Kessler <edkess@epix.net>
To: qrp-1@Lehigh.EDU
Subject: [45347] Low Power Experiment Continues
Message-ID: <37900890.E1266D4E@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Turned my QRP+ down to 250 mW tonight.
Worked S51ME (Slovenia) on 20m, 579 report, 17,528 miles/watt.

579 seems a bit much, but who knows?

Tomorrow night 100 mW? ;-)

I have no problem with QRO, but am having too much fun QRPp to turn

on my big radios.

Ed Kessler, AA3SJ

Date: Sat, 17 Jul 1999 00:49:41 EDT
From: N7YA@aol.com
To: qrp-1@lehigh.edu
Subject: [45348] Re: ? CW HF Grid Squares In August
Message-ID: <dda0d8b7.24c16565@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 7/16/99 4:17:32 AM Pacific Daylight Time,
weinfurt@oak.cats.ohiou.edu writes:

<< Gang,

There is a contest that is coming up this weekend that I thought
might be of interest to all. The concept is really great, that of
reporting grid squares, instead of country, etc. It should be good CW
practice, too. This contest has probably not gained a lot popularity yet
because it is fairly new, but it is a promising one.

NS80 >>

Ive wondered about this, i had hoped that there was an HF grid exchange...and
why it wouldnt apply to HF, maybe sponsor some awards for working X amount of
squares on HF...ssb or cw. as soon as you figure out the details let us know.

73...Adam, N7YA

Date: Sat, 17 Jul 1999 00:00:58 -0500
From: "Chuck Adams K5FO" <adams@ticnet.com>
To: qrp-1@lehigh.edu
Subject: [45349] Antennas, antennas,
Message-ID: <E115LSx-00051K-00@pop3.ticnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Gang,

For those of you that have the archives of QRP-L. You'll find that there are basically two major groups that believe that antennas are everything and the other group that thinks that the receiver and the power make a difference. Others that want to bring in ERP and complicate matters with something that most can't even calculate accurately, much less measure by any cheap stable accurate means.....

I've always been in the antenna is everything group. This group has proved what a dummy load will do... :-)
Witness my increased scores in SS when I left the wire antennas and went to all aluminum from a contest station in Dallas. I have set aside a chunk of change for the antenna system in AZ. Remember when you couldn't talk about spending more than \$300 for a paddle with this group? How about how much a good antenna system runs? Wires are cheap but let's figure in the price of the real estate under them. :-)

So, somewhere up in the frozen northern parts of the US, separated from 48 of the states is the state of Alaska, AK for the abbreviation for the USPS, is a contest station that I've heard about and read about. Lots of antennas that work and work well.

Tonight on 30 meters, like all the rest of the nights this week I had the GM-30 on and working CO, AZ, NM, MI, and was in QSO with a station in CT when someone tried to break but the 1 in CT didn't hear him and I was thinking that someone was trying another QSO. I mean here I am probably down in the noise level.

The past few nights around 0330UTC and afterwards the band has been long as last night I heard DL7s, OK1s, and others and tonight PY5s and other South American stations. They didn't hear me but that's OK.

At 0359UTC July 17th, 1999 K5F0 had the extreme privilege and honor of working KL7H on 30 meters. My 229 his 549 and 559. Took us 11 minutes to do it through all the QRN and QRM but Bruce is a true gentleman and scholar to do this. And like all good contestors he can hear the littlest of creatures in the noise. Thanks a million Bruce. And thanks to the many other KL7s that were also looking this

week..... It was something that I wanted to do before closing the logbook on K5F0, but if it had not happened it would not have been for lack of effort on the part of many and I greatly appreciate all the friends, near and far in this hobby. Life is great.

Copy was difficult with QSB, but I did copy that he was reducing to QRP levels. We just might have another convert... :-)

So, what is the purpose of any quest? To do the best one can do. With only 0.95W on three bands, 40, 30, and 20 you can work all states. With just an off-center-fed dipole one wavelength long of 40 meters and a lot of time and a lot of patience on both ends I was able to do it. And I wasn't the first and I won't be the last. I don't want to think of the number of years but they were fun. Life is too short not to get out and do something with it. So get out and put up the aerial(s), get the rig cleaned and tuned, the mike and/or paddle(s), and do get on the air. We need you. Come on down --- the ionosphere is there just waiting for you.

For those that haven't been with the group all that long. Some years ago we did a Thirty Meter Propagation Study (TMPS) on QRP-L as an incentive to get people off 40 meters during the summer. I still think that most QRPers are on 40 meters because it is a good band and open almost year round and throughout all the ups and downs of the solar cycles. I personally didn't have any experience on 30 meters, so took it as a challenge to see what I and others could do. I presented some graphs and results at Dayton several years ago. I might have to dig those up and put them on the web when I get back from Tuthill....

I have grown to appreciate and like 30 meters a lot. Recently I started on 17 meters and just may have to make that my next goal before moving to AZ in 13 months, 2 weeks, 3 days, :-) But who's counting? And on 17 I started with a KL7 (no KH6 yet), the RI, ME, CT, NH, MT, and some other difficult ones for this area.

So to my brothers in the largest state and who obviously have big hearts --- I say thank you very much. Next time I'm in the Red Dog Saloon in Juneau I want you all there....

;-) I'll buy.

So, back to packing and shipping before late Saturday night and still listening on 30 meters for those little signals in the night..... I can't close the logbook and retire the rig just yet. Too many others to work.

FYI es dit dit de K5F0/QRPP

P.S. I know that I was sweating beating the FCC on this one. When the K7 call gets here that's it for K5F0 until the next person gets the call. Heaven help 'em. :-)

Chuck Adams K5F0 adams@ticnet.com <http://www.qsl.net/k5fo/>

Date: Sat, 17 Jul 1999 00:25:36 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: "QRP-L Distribute" <grp-l@Lehigh.EDU>
Subject: [45350] First QRP PKS31 Contact
Message-ID: <002301bed014\$ce1ec940\$e737a497@aa5tb>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Even though I had built the interface for PSK31 a few months ago, I had lost interest and went back to CW before making any QSOs. Well tonight I decided to hook it all back up and had my first PSK31 QSO. It was a rag chew with G3NNY of England at 0333 UTC on 20m. He was using 60W and a dipole up 33ft and I was using 5W and a dipole up 20ft. Solid copy on both ends. Pretty neat.

By the way, where are all of these bad band conditions everyone is talking about the last few days?. I also worked OK2LC in the Czech Republic and G0BIN in England on QRP CW tonight. A couple of nights ago I worked YU1AB in Belgrade on 20m SSB QRP even though he had a pileup. Even if the charts say the bands are bad, it's worth taking a listen or putting out a CQ.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Fri, 16 Jul 1999 21:43:12 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [45351] Adding (RIT) to the Elmer 101 SW40+ de AL7FS
Message-ID: <379017F0.5A8C050D@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have cleaned up my short write-up on the SW40+ RIT Kit and added it to my Web Site along with links to associated websites. I hope it is of interest to some of you. I am pleased with the addition to the rig and expect it will be very useful.

Jim

--

73, Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska
<mailto:al7fs@qsl.net>
ICQ 11022915

Date: Sat, 17 Jul 1999 02:49:51 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@lehigh.edu>
Subject: [45352] QRP-L Archive CD v2 - STILL AVAILABLE
Message-ID: <Pine.OSF.3.95.990717021816.4371A-100000@saturn2.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Wow... 2am! I fell asleep reading my daughter a story (what a dad) this evening here's the latest on the QRP-L CD.

I went to Office Max to buy 10 more of those nice bubble envelopes I use to ship the CD and Jewel Box in. They were OUT of the 5-pack (I wonder why?) and I had to buy a case of 25(!) of those envelopes. I still have PLENTY of CR-R's available so...

BOTTOM LINE: I will be happy to provide a QRP-L Archive CD to anyone who missed the Friday deadline.

I have enough for 15 more orders so act fast to reserve one before I run out of everything. They are still JUST \$10!!! A STEAL of a deal!!!

Just drop me an email WITH YOUR MAILING ADDRESS, and I'll let you know if I still have any left. Only AFTER you get a confirmation, should you mail me the \$10.

There will be a posting to the QRP-L when I am officially BURNED OUT (get it?) of the CD bizness. These final CDs are all done in the ISO9660 format and will work fine in virtually any old klunker CD and PC.

REMEMBER: QRP-L is not responsible if you die laughing after reading some of the threads over the years! Ditto, if you die of embarrassment for getting into a public flame war. They are ALL on here. This CD has every post ever sent to QRP-L from 1993 to April 1999!!! Plus a LOT more cool stuff, ever seen a real Murcury Paddle? Chuck has at least a half dozen pictures of his on the CD - and more.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Sat, 17 Jul 1999 01:24:20 -0800
From: Bruce Hopkins - KL7H <kl7h@arrl.net>
To: qrp-l@lehigh.edu
Cc: qrp-l@lehigh.edu
Subject: [45353] Re: Antennas, antennas,
Message-ID: <[v03007801b3b5eda93d56@\[208.161.166.42\]](mailto:v03007801b3b5eda93d56@[208.161.166.42])>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Chuck & Gang...

Many Alaska stations have been trying to work Chuck on 30 meters for the past couple years... The heat was really turned up when he announced that he would have a call change in the near future and only lacked AK for WAS/30m as K5FO...

I held the Novice call KN8WEF and K8WEF for 16 years before moving to Alaska... In those 16 years I had worked every State many times but never

could get a QSL card out of Alaska... Well as they say, the rest is history... I finally wanted that WAS wallpaper so bad I moved to Alaska and traded my call of 16 years in for KL7JAF... If memory serves me correctly, it took less than 6 months of operation as a KL7 to nail down all 50 cards for WAS... 22 years later I snagged the only available KL7 one letter call when it came up for grabs... Was it a hard change after all that time ??? Nah, I was getting too old to remember a three letter callsign... 8^)

Well tonight I was once again on the prowl for that illusive QRPP gallon of Chuck's... I had been tuning around for about an hour when I heard a CT station turning it back to K5FO... With the cans on and the filter screwed down tight there he was wafting in and out of the ether... I tried to break in to grab Chuck but the CT station must not have heard me... All's well that ends well... Several minutes later, after numerous trys to get my RST correct, I had Chuck in the log... Rig here was a Kenwood TS-450S at 50 watts to a WARC band fan dipole at 25 feet...

It's always nice to complete a goal you have set for yourself, even if you have to move to do it... That was fun !!!

72 / 73 / oo's - Bruce - KL7H
Fairbanks, Alaska

"Alaska QRP Club" - Web Site: <http://home.gci.net/~bhopkins/akqrp>
- 10 Meter Beacon: 28.282.28+/- KL7AQC / BCN

Date: Sat, 17 Jul 1999 11:58:28 +0100
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
To: "QRP-L" <qrp-l@lehigh.edu>, "GQRP-L" <gqrp@onelist.com>
Subject: [45354] New Antenna Book
Message-ID: <000c01bed043\$538899c0\$5fef5cc3@prsat0x1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have compiled a new antenna book, entitled 'Antenna Anthology'. Many of the articles have not appeared in print before and include practical information on making antennas for HF, VHF and UHF, although the majority

are for the HF bands. If you are at all interested in antennas, then this book is a must for you!

Proceeds from the sale of the book go to my local radio Society, the East Yorkshire ARS.

Price: 5.00 UK pounds plus postage. Postage rates are 1.00 for UK, 1.50 for Europe and 3.25 for the USA. These prices are in UK pounds Sterling. Cheques should be made payable to Mr. FW Lee. Please email me if you wish to purchase a book and I will ensure your copy is ready for dispatch when your payment arrives.

Contributions from the following are included who also have granted me permission to include their articles

L. B. CEBIK W4RNL, J. TYBURCZY W1GFH, S. MERRILL KB1DIG,

J. REYNOLDS G3PTO, J. GOWRON WB8JJA, H. LYTHALL SM0VPO,

M. TOIA K3MT, A. SCMITZ KB0YKI, A. PETERSEN N7QVC,

J. DeGOOD NU3E, K. WEIR N2NJH, J. GOWRON VE4ADS ,

J. M. THOMPSON WB8ER, R. EDWARDS G4FGQ . FW LEE G3YCC

....

73 de
Frank G3YCC
8 Westland Road,
Kirk Ella,
Hull.
HU10 7PJ

Date: Sat, 17 Jul 1999 07:03:12 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [45355] Life's too short
Message-ID: <19990717.070411.-252539.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Highest greetings to one and u'all

Life's too short
Extend it with qrp

(check with ur doctor first)

Normal side effects:

better self esteem
increased "can do attitude"
tendency to favor "CW"
increase in "home brew" activities

Joel KE1LA

In Maine

Enjoying life's extension

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sat, 17 Jul 1999 07:15:39 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Tim Ahrens <tahrens@hilconet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45356] Re: Length of ladder line
Message-ID: <Pine.GS0.4.10.9907170701360.19799-1000000@moe.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Tim,

Ladder line (or parallel transmission line in any of its forms) is a very low loss transmission line. Hence, it is ideal (qualified by some other considerations) for very long runs, whether at HF, VHF, or UHF. The only version of coaxial cable that comes close to the low loss levels of ladder line are certain very expensive hardlines.

Two considerations:

1. Installation: do it by the book, maintaining the line balance by keeping it elevated, well spaced from any conductive surface, wire, etc., and sufficiently supported that it does not stress itself to breakage. Folks with non-critical short runs often get away with some short cuts,

but for a long run, standard practice is best.

2. Matching: Parallel line has been used in at least two ways:

a. Some installations with low impedance antenna impedances will use a balun to raise the impedance at the antenna (or near it, depending on height) to the characteristic impedance of the line and then, at or near the rig, use another balun to bring the impedance back down to coax levels for the rig. This usually is done with long runs to monoband or triband beams and similar antennas that present the line with a low impedance of known value. The advantage is that the SWR along the parallel line is close to 1:1, and that reduces voltage and especially current peaks along the line, thus reducing losses even further.

b. Some installations involving multi-band antennas where the feedpoint impedance may change with each band simply accept the SWR condition on the parallel line and bring the line from the antenna feedpoint all the way to the station's antenna tuner. The very low loss inherent in the parallel line is not significantly raised by the SWR multiplier. Losses in good parallel line even with SWR levels up to 10:1 are still generally lower than losses with perfectly matched coax, even using some of the newer low loss lines. One has to go to hardline before losses become competitive.

So there are options even within the parallel line choice. But in general, for very long runs where installation can be free and clear, where no hazards of choking or tripping guests can occur, etc., parallel line would be the line of choice.

-73-

LB, W4RNL

Date: Sat, 17 Jul 1999 07:26:14 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45357] Re: cheap and easy yagis
Message-ID: <Pine.GS0.4.10.9907170722580.19799-100000@moe.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 17 Jul 1999, The one and only! wrote:

>this would be great for my "other" qrp rig.....my cell phone.

Cell phones, like FM repeaters, use vertically polarized antennas in their system--and they are designed to shift you from one of their sites to another as you may move. Hence, except in very special circumstances, a beam may not be as useful as it seems in the abstract. However, if you happen to be in one of those fixed/nearly fixed positions on the fringe, then perhaps one of the half-square beams for VHF at my site can be scaled down to cell phone frequencies--good directional patterns and vertically polarized.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off)	(423)	974-7215
1434 High Mesa Drive	/	\	\	/	----	/\	(Hm)	(423)	938-6335
Knoxville, Tennessee	/\	\	\	/	/		(FAX)	(423)	974-3509
37938-4443 USA	/	\	\	\					cebik@utk.edu
URL:	http://web.utk.edu/~cebik/radio.html								

Date: Sat, 17 Jul 1999 13:17:56 +0100
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
To: <ac5ez@webtv.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [45358] Re: 72
Message-ID: <00b101bed04e\$69359ba0\$5fef5cc3@prsat0x1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

... and not 73's, which makes no sense!

...

Frank G3YCC G QRP 042, G QRP Sales Officer.
QRP web page <http://www.karoo.co.uk/g3ycc/>

Date: Sat, 17 Jul 1999 07:30:17 -0500
From: "Nick Kennedy" <nkennedy@cswnet.com>
To: "QRP List" <QRP-L@Lehigh.EDU>
Subject: [45359] Fw: Length of ladder line

Message-ID: <002101bed050\$21578ee0\$497154d8@big>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Nick Kennedy <nkennedy@cswnet.com>
To: tahrens@hilconet.com <tahrens@hilconet.com>
Date: Saturday, July 17, 1999 7:27 AM
Subject: Re: Length of ladder line

I'm using 208 feet of 450 ohm for my 180 foot cf zepp. Seems to do fine. I think the length to just reach would be about 150 feet or so. I used one of those programs/formulas that tell what length to use to give a good match, given the dipole's length. 208 feet seemed a good compromise for several bands and a 180 foot dipole (cf zepp).

I don't think over 200 feet is any problem at all. In fact, at field day I would have liked my feedline longer meaning my rig wouldn't have been right under the antenna. The rf energy was getting into the rig and causing problems.

I'm thinking of building W6RCA's line length switcher. (See his web page.) I also may get a matchbox. If I do, I won't worry about length.

72,

Nick, WA5BDU

>
>-----Original Message-----
>From: Tim Ahrens <tahrens@hilconet.com>
>To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
>Date: Friday, July 16, 1999 8:42 PM
>Subject: Length of ladder line
>
>
>>Anybody use long lengths of ladder line (>200 feet)?
>>
>>Too long?
>>Comments?
>>
>>

>>Thanks,
>>
>>Tim W5FN
>>
>

Date: Sat, 17 Jul 1999 08:32:41 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:russ@natworld.com" <russ@natworld.com>
Cc: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Subject: [45360] The Latest Roster of Bumblebees
Message-ID: <199907170834_MC2-7D4C-85E7@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Russ:

I plan to operate from high atop historic Ft. Lincoln, along the west bank of the Missouri River just west of Mandan. This was where Lewis and Clark wintered when they stopped in 1804, and the Fort from where General Custer departed on his ill-fated trip to Little Bighorn, Montana.

Rig will likely be an SST-20 with an Inverted WYE antenna hoisted by an SD-20 fishing pole. Power will be from a rechargeable motorcycle battery. Keyer will be a Whiterook MK-88.

72,
--Doc Lindsey/K0EVZ
 DSBF
 PO BOX 6028
 Bismarck, ND 58506
 70511.3041@compuserve.com

Date: Sat, 17 Jul 1999 08:37:33 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [45361] IS IT ME
Message-ID: <19990717.083843.-252723.0.hamjoel@juno.com>
MIME-Version: 1.0

Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yea, its me again margarett... heee heee

high gang

I'm trying not to take it seriously here... however... i am being
challanged...I'm listening to three stations ... one pegging the s meter
the other two s9 and a bit of qsb up and down...
all three running 50 to 100 watts...I'm running 5w. Noise level is an s1
max...

but they don't hear me... one says the audio is bad, the others say I'm
just too lite... and all three are in front of the beam....

I get the feeling that I don't belong to this "club"... or maybe it's
another group that only receive signals that are over s9... or maybe I'm
being overly sensetive...

maybe I need to get another icom 735 or sumthin that will let me up the
signal to match insensitive front ends on some receivers... sometimes
when I just don't see any problems with someone receiving my signal it
really gets to me...

I don't recall seeing this "happening" taking place on cw.... or is it
me???

Joel KE1LA
In Maine

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sat, 17 Jul 1999 07:01:58 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: applitech@mcg.net, qrp-l@lehigh.edu
Subject: [45362] Re: Need SWL Progam List
Message-ID: <37907EC6.993E84E8@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Arnie's program is at 0135-0140 utc Sunday (Saturday eve 1935-40
mdt)
and repeated in the 03 and 05 hours, and also on Tuesday same time
frame - the time does vary a couple of minutes but always well
worth the wait. Other info at <http://www.radiohc.org>
Also you might try:

<http://www.DXing.com/>
<http://ourworld.compuserve.com/homepages/wwwdxc/topnews.htm>
<http://www.ibb.gov/> (Voice of America)
<http://www.rnw.nl/> (Radio Nederland)
<http://www.dwelle.de/> (Deutchewelle)
<http://www.nordicdx.com/>
<http://www.angelfire.com/ok/worldofradio/> (Glenn Hauser's SW info)
<http://www.cybercomm.net/~slapshot/speedx.html#AMDX> lots of links)
<http://www.anarc.org/naswa/> (North American Shortwave Association)
<http://www.gem.net/~berri/wun/> (utility station info)
<http://www.popcomm.com/> (Popular Communications Web site)
<http://www.grove-ent.com/> (Monitoring Times info)

Hope this helps a bit.

73

Ray

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Sat, 17 Jul 1999 08:24:50 -0500
From: David S Byington <n0xes@juno.com>
To: qrp-l@lehigh.edu
Subject: [45363] DSW-40
Message-ID: <19990717.082452.-90915.0.n0xes@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Im considering building a DSW - 40, Im wondering what if any digital noise it produces?
How does it compare to the SW40 +?
Id love to hear from anyone that can compare the two. Im sure the list would be curious also.

Dave B. (n0xes)

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Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sat, 17 Jul 1999 07:10:30 -0600
From: "Steve/n0tu" <n0tu@webaccess.net>
To: <n3ysi@easy-pages.com>
Cc: "QRP-L" <QRP-L@lehigh.edu>
Subject: [45364] Re: qrp spirit - a fun qso
Message-ID: <000201bed058\$803355e0\$8fa8a3cc@S&P.www.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Qrp Lovers,
>....The band isn't real good for us with qrm (digital on my
>end and a good 12dB louder than Steve's mobile) and rain static for
Steve
>(we could be so lucky as to have rain here in eastern PA), not to
mention
>the normal qsb of an undecided 20 meters on Friday night. Steve sent
me a
>quick exchange of pertinent data and I had solid, but fading, copy
and then
>turns it to me.

After a looonng day at work (12hrs) I ran to the car cause it was
starting to rain. I always look forward to the commute because it's a
half hour of 'uninterrupted' QRP radio time!!!(yeah!) And ya just
never know what fun QSO might happen. It takes a few miles to get the
paddle situated on my knee strap, do some listening and find a clear
frequency. I was on my 3rd "QRL .?..." and heard a "GA" so I did. I
sent a 3 x 2 and bingo n3ysi pops back in the clear with his great
sounding DSW-20 and big loop antenna I figured we'd have a great Q.

But instead as I accelerate onto the freeway the rain increases to
torrent portions ...with wipers a' blazing on high I felt like I was
awash in SF bay. All the while sending Paul my particulars ...RST QTH
& name etc. I was actually kinda relieved to turn it back to Paul just
so I could refocus on driving a little more. But the rain static was
horrendous! Popping, cracking long slow swooshing sounds that stopped
just long enough I could tell Paul was still sending. Finally I
realize he's turned over, "hmmmm this going to be a loosing battle" I

thought as snapped on the headlights. So regretfully I send my 72's and TU's etc telling him tn timer trying hard but I better shut down and listen to the news or talk radio.

BUT when I turn it back he's in the clear again and he launches into repeating his name and all the stuff I missed. I couldn't get over how sweet his lil' 2 watt DSW sounded ...like a boatanchor (I almost needed one earlier<G>) but with perfect tone no chirp or whoop. I'm also aware that wipers are now making that dry rubbing noise. It's stopped raining, YES!!

So we go on for a several more exchanges till I'm sitting in my driveway amazed at how QRP/m has again transformed me from my work parking lot through a raging storm to my home QTH once again. Wow! ... this QRP/m is fun stuff. But more than that It's the operators who you find hanging around the QRP freqs who use this mode who make it FUN! They do it grace, style and most of all preserverance ...they have too or the QSO rate would be zero.

Thanks again Paul! Another GREAT QSO!
(I'm going to have get me one of those sweet sounding DSW's)

Steve/n0tu/m . .

-----Original Message-----

From: Paul Norman Craig, Jr. <n3ysi@easy-pages.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Friday, July 16, 1999 9:26 PM
Subject: qrp spirit - a fun qso

I went through the usual discourse, GE, name, qth, wx &
>rig. Steve comes back saying the rain static wiped me out - gess we
btr
>hang it up om 72 es ge..... Undaunted I go back to him again with the
>particulars and he now has me solid saying it's a good thing we stuck
it
>out, isn't this what sets qrp operators apart from the rest of the
bunch.
>Back and forth we went with questions on rigs and radiators but then
the
>digital station at my end quadruples his power and I'm losing Steve.
I send
>back to him asking if he is on qrp-l but he needs a repeat of my
question.
>I should have known the answer, of course he's on the list and he
gives me
>his e-mail too.

>
>
>Ain't Life Grand??? (sri abt the slang Chuck, I just felt good about
this
>one)
>
>72 and God Bless
>de n3ysi
>Paul in Quakertown, PA
>

Date: Sat, 17 Jul 1999 06:54:34 -0600
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45365] info
Message-ID: <37907D0A.1BB2@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang!

Has anyone put a Freq Mite in a SST? If so, let me know how easy it is.
Thinking about ordering one.

72, Tom WB5QYT..."Have spud will travel!"

Date: Sat, 17 Jul 1999 09:46:33 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [45366] G5RV on 30M ?
Message-ID: <199907171429.KAA04506@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

I know a G5RV isn't suppost to work on 30M, at least with out
changing the feed length or something, but last night I decided to
try it anyway. I was able to get a 1:1 SWR using my tuner, although
the tuning was very sharp.

Had three QSO's with it, so I guess it does work. Didn't hear Chuck though :-(.

I can also make it load pretty well on 17M and 15M. Who would have thought? BTW, I have the "shorty" version, about 66 ft, good on 40 and 20.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Sat, 17 Jul 1999 10:35:01 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <n0xes@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45367] RE: DSW-40
Message-ID: <NBBDJDEEIFDDANGEGHLBMEPPGEAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi David... the non-technical answer about DSW-40 noise is that I don't hear any. Not any. I don't have an SW-40 to compare, but I don't see how anything could be any quieter. Or, at least, noticeably/discernibly quieter.

72 / 73 Ed N4XY Elecraft K2 sn: 000057

Ed Tanton N4XY EMAIL: n4xy@arrl.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770) 971-0436

INTERESTS: *CW (99.5%) *QRP (QRP-L# 758)
*BoatAnchors *Test Equipment *Photography

~~~~~  
"Begin at the beginning... and go on until you come  
to the end: then stop."

The White Rabbit, from "Alice In Wonderland"

-----  
Date: Sat, 17 Jul 1999 10:33:06 -0400 (EDT)

From: Jim Hale <kj5tf@yahoo.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [45368] re: Low Power experiment  
Message-ID: <19990717143306.6363.rocketmail@web707.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Isnt this amazing Ed?!

Its like discovering QRP all over again.

Makes answering CQ's more interesting, and contests too. Call everyone, but the strongest stns are your best bet. Memories of a DL stn comeing back with my call when he was only 559 and I was 40mW are still with me!

Are you ready to attempt mW WAS? Some have said its easier to work DX with milliwatts than stateside. Theres something to this.

I know you are looking forward to the next CW DX test. We can hunt up and down the packed bands. Finding the lonely ones and working them first. The more popular ones have there lonely moments to and we will call them when they have no callers. Maybe near the end of the contest.

When you get down to single digit mW you may wonder if you are doing ESP rather than CW!

Soon more QRP folks will experience the joy of falling in love with QRP ALL OVER AGAIN.

I'll be in the Gold Rush tomorrow. CU on 20M! Low down milliwatts! Everyone clean your ears please :)

de Jim KJ5TF

>Inspired by Jim Hale's, KJ5TF, article in QST I  
>decided to turn down  
>the power out on my QRP +.  
>I usually work at about 5w out, so the two nights ago  
>I decided to  
>go down to 2w.Worked ER100 (Moldova) on 20m, 559  
>report, about 2439 miles/watt.  
>Last night I jumped to 1w.  
>Worked EW3LB (Belarus) on 20m, 559 report, about 4522

>miles/watt.  
>Tonight I went to 500 mW.  
>Worked UX5MZ (Ukraine) on 20m, 559 report, about  
>10,338 miles/watt.  
>This is getting fun.Ed, AA3SJ

-----  
Do You Yahoo!?  
Get your free @yahoo.com address at <http://mail.yahoo.com>

-----  
Date: Sat, 17 Jul 1999 10:39:59 -0400  
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>  
To: <qrp-1@LeHigh.edu>  
Subject: [45369] RE: SW20 and DSW40  
Message-ID: <000b01bed062\$41d4f380\$0501a8c0@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi, for the last three days I have enjoyed  
my SW20... DX to Europe seems to be an  
everyday affair... I even depart from my  
usual QRP operating procedures, and go  
ahead and call CQ many kiloHertz away from  
the usual 14.060 QRP frequency with excellent  
results... Not even giving any hints about  
CQ2KK operating QRP, and still enjoy nice  
two way DX contacts...

Now... here are my questions ...

1. Is there a DSW20 already ?
2. The DSW40 provides some frequency indication ?

BTW, I did experience a little problem with  
the SW20... was hearing a tone all the time  
when receiving... a request for advice from  
the designer brought a prompt, accurate and  
very well explained answer, which helped me  
solve the problem... ( it was MY keyer, not  
Dave's circuit what was causing the tone, due  
to the keyer driving the PNP switch into  
conduction when nothing was keyed !!! )

I am very pleased with teh SW20's receiver  
performance, and have noticed an additional  
characteristic not fully explained in the

manual... The audio frequency response curve  
I am getting with my headphones allows me  
to listen for long periods without hearing  
fatigue... something I noticed from the first  
night spent exploring 14.015 to 14.064 kHz, the  
frequency range of my SW20, which I find  
quite adequate... but maybe I could try some  
day to shift it down to the band edge just  
to work a few of the QRO types there and give  
them a practical hands on experience of  
QRP !!!  
72 and look for me on 14 MHz ... around  
14060 kHz  
Arnie  
C02KK

e-mail:arnie@radiohc.org  
e-mail:inforhc@mail.infocom.etecsa.cu  
Postal address:  
Prof. Arnaldo Coro Antich  
La Torre no.127 entre 35 y 37  
Nuevo Vedado, Plaza  
Ciudad Habana , 10600  
CUBA

-----  
Date: Sat, 17 Jul 1999 08:45:46 -0600 (MDT)  
From: David Brunner <anon6622@nyx.net>  
To: "Paul R. Valko" <prvalko@oakland.edu>  
Cc: qrp-1@lehigh.edu  
Subject: [45370] Re: CD - Got it / It Works!  
Message-ID: <Pine.SUN.4.05.9907170825460.839-100000@nyx10.nyx.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm running a hand-me-down CD ROM drive (8x speed, I think) on a IBM  
486-33sx and I had no trouble with the CD I received from Paul, which has  
the main data in the pre-ISO9660 format. The drive appears to Windows as a  
Tatung CD-1216E. I think it's an IDE drive (definitely not SCSI..). Linux  
also sees the drive OK, but just the ISO-9660 part, which is where the  
question gets asked about loading the drivers. Anyway, I got it going  
on Win95 without any problems or fiddling on my part. YMMV: This is the  
3rd drive I've had.. the previous two were flaky, having occasional  
trouble reading various types of CD's.

David L. Brunner      KE0AZ

Aurora, CO.

On Fri, 16 Jul 1999, Paul R. Valko wrote:

>  
> What speed CD do you have? I'm curious if it is SCSI or ISA or  
> proprietary.  
>  
> Please repost this to the group so that folks no I am giving them the  
> straight scoop.  
>  
> ALL the CDs I am now making are the 9660 version so there will not be any  
> problems.  
>  
> 73! =paul= W8KC  
> Collector of Ten\*Tecs and other fine plastics  
> <<http://www.acs.oakland.edu/~prvalko>>  
>  
>  
>  
> On Fri, 16 Jul 1999, David Brunner wrote:  
>  
> > I got the CD today. I/we were pretty sure it wouldn't work due to  
> > my backlevel hardware. Well, I inserted it, it asked if I wanted  
> > the drivers (yes) and did I want to reboot (yes). After that,  
> > everything worked just great!  
> >  
> > Thanks a lot for doing this.  
> >  
> > 73,  
> > David  
> > KE0AZ        QRP-L #506.  
> >  
> >  
>

-----  
Date: Sat, 17 Jul 1999 10:54:58 -0400 (EDT)  
From: Jim Hale <[kj5tf@yahoo.com](mailto:kj5tf@yahoo.com)>  
To: QRP-L <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [45371] 72 =QRP 71= QRPp  
Message-ID: <19990717145458.20169.rocketmail@web702.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Not sure the QRO ops will get it. But if we have a qso and I send you a "71" that means that I dont have enuf pwr for a full 72 :-)

Could be a milliwatters inside joke. Things can get somewhat "giddy" when you make a QSO with low down milliwatts!

But better let it out here so everyone gets it! Hi!

72/71's de Jim KJ5TF

-----  
Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

-----  
Date: Sat, 17 Jul 1999 10:47:26 -0400  
From: Todd McCoy <kb4dpf@qsl.net>  
To: kd1jv@moose.ncia.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [45372] Re: G5RV on 30M ?  
Message-ID: <3790977E.C93E694E@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Steven Weber wrote:

> I know a G5RV isn't suppost to work on 30M, at least with out  
> changing the feed length or something, but last night I decided to  
> try it anyway. I was able to get a 1:1 SWR using my tuner, although  
> the tuning was very sharp.

I use a "regular" G5RV (80-10m) and it was billed as working on all bands, and it does. I use it regularly on 30 with good results. I have found the performance to be lack-luster on anything above 17m; I get better results with an Antron 99 on 15 through 10 meters.

--

Todd McCoy: QRP-L #1823 | 10-X 70500  
KB4DPF - Gloucester Co., Virginia  
37.2942 N, 76.4158 W | Grid: FM17  
<http://www.qsl.net/kb4dpf>



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-----

Date: Sat, 17 Jul 1999 11:15:08 -0400  
From: "Ed Tanton" <n4xy@att.net>  
To: <kb4dpf@qsl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [45373] RE: G5RV on 30M ?  
Message-ID: <NBBBJDEEIFDDANGEGLBIEACGFAA.n4xy@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I have found the opposite to be true for my G5RV: it works OK on all the other non-WARC bands, but-even with 100% twinlead all the way to the tuner, it's 30M operation sucks, big time. Here, anyway. I have a similar VERY sharp tuning point. The tuner is a Nye-Viking MB-V-A... so it ain't that.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Todd McCoy  
Sent: Saturday, July 17, 1999 10:47 AM  
To: Low Power Amateur Radio Discussion  
Subject: Re: G5RV on 30M ?

Steven Weber wrote:

> I know a G5RV isn't suppost to work on 30M, at least with out  
> changing the feed length or something, but last night I decided to  
> try it anyway. I was able to get a 1:1 SWR using my tuner, although  
> the tuning was very sharp.

I use a "regular" G5RV (80-10m) and it was billed as working on all bands, and it does. I use it regularly on 30 with good results. I have found the performance to be lack-luster on anything above 17m; I get better results with an Antron 99 on 15 through 10 meters.

--

Todd McCoy: QRP-L #1823 | 10-X 70500

KB4DPF - Gloucester Co., Virginia  
37.2942 N, 76.4158 W | Grid: FM17  
<http://www.qsl.net/kb4dpf>

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-----  
Date: Sat, 17 Jul 1999 10:24:22 -0500  
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>  
To: <kj5tf@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [45374] Re: Low Power experiment  
Message-ID: <005101bed068\$73849ec0\$5437a497@aa5tb>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

"Some have said its easier to work DX with milliwatts than stateside.  
There's something to this."

Jim,

Congratulations on the great milliwatt DX contacts! I haven't done too much milliwatting but I'm on 20m most every night on QRP CW and it is far easier to work DX then it is to work stateside. I hear most of the stateside stations only on backscatter or weak at best. DX is like shooting fish in a barrel. I know I should try more milliwatting. I made a lot of QSOs with 250mw on 40m but on 20m I'm usually using between 2 and 5w.

Of course this scenario applies to the propagation as they exist on 20m at this time of the year and sunspot cycle but it has been this way since about April here.

73,  
Steve Yates - AA5TB  
Fort Worth, TX - EM12gs  
<http://home.swbell.net/aa5tb>

-----  
Date: Sat, 17 Jul 1999 11:26:09 -0300  
From: KD1YV <jimkd1yv@snet.net>  
To: qrp-l@lehigh.edu  
Subject: [45375] Re: Nice QRPp QSO  
Message-ID: <37909281.5AC0E60B@snet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Great contact, Nick. Now if you had made the Q while you were using the Dummy Load ...

BTW, just what is a Relativistic Heavy Ion Collider. It certainly sounds like QRO to me :-)

--  
72/73 de Jim, KD1YV <http://www.qsl.net/kd1yv/>  
Emergency Coordinator, Town of Bethel, CT  
Bulletin Manager, CT Section, ARRL  
Stoplights timed for 35 mph are also timed for 70 mph !

===

> From: "Franco, Nicholas J" <franco@bnl.gov>  
> To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>  
> Subject: [45175] Nice QRPp QSO  
> Message-ID: <698DB793D712D31180B600902746422D17C3B2@exchange01.bnl.gov>  
> MIME-Version: 1.0  
> Content-Type: text/plain;  
> charset="iso-8859-1"  
>  
> I was playing around in the shack last night building up a little dummy  
> load/power measurement device and testing it out on some toys. I turned on  
> the "big rig" (IC-728) to see what my minimum power level is with my new  
> power measurator thingy. I then switch to the antenna and listened around  
> for Chuck on 30 meters. Not there - OK switched to 40m and scanned around a  
> little.  
>  
> What's this ... a little peanut whistle signal just above the noise floor  
> .... Yep, and he's calling CQ. I called in all the filtering I have  
> available and even had the Bencher audio filter down to 90 Hz. We exchanged  
> our normal stuff which took a couple of tries, but we made the Q. The other  
> station, Dick - K5TF was running 300mW. I was nice to see a milliwatter  
> banging away on a noisy band, just defying the odds, and then coming up with  
> Q's to prove it really works :-) That's a good night. I went to bed after  
> that contact.

>  
> I don't know if Dick is on our list or not - but good job K5TF QRPP.  
>  
> 72 es have a great day all,  
>  
> Nick - kfp2h . . .  
>  
>  
> Nicholas J. Franco <>< BROOKHAVEN NATIONAL LABORATORY  
> Systems Administrator RHIC Project Building 1005  
> Tel: (516) 344-5467 UPTON, NY 11973-5000  
> Fax: (516) 344-3674 Ham Call: KF2PH  
> Email: nickf@bnl.gov <http://www.rhichome.bnl.gov/People/franco>  
>

-----  
Date: Sat, 17 Jul 1999 10:29:38 -0500  
From: Jay Freeman <jayFreem@direcpc.com>  
To: kd1jv@moose.ncia.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [45376] Re: G5RV on 30M ?  
Message-ID: <3790A161.83C032@direcpc.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Steve,

I didn't know they weren't supposed to work on those bands! I've made several QSOs on 30, and worked Estonia on 17m last night running 4 watts. It also works great on 15. I guess I'll just keep doing it wrong :). On the other hand, I haven't heard Chuck either :). Maybe Chuck needs to schedule a K5FO Farewell QRP Pileup (tm) :).

Steven Weber wrote:

> I know a G5RV isn't suppost to work on 30M, at least with out  
> changing the feed length or something, but last night I decided to  
> try it anyway. I was able to get a 1:1 SWR using my tuner, although  
> the tuning was very sharp.

72/3,

Jay - WT9S

-----  
Date: Sat, 17 Jul 1999 16:38:25 +0100  
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [45377] New Antenna Book  
Message-ID: <006e01bed06a\$6a0b7880\$2cef5cc3@prsat0x1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Orders are already coming in! I have been asked about the price in US dollars. Unfortunately postage is pretty high, so the price is 13 dollars inclusive of printed paper rate postage to the US. Would prefer payment in Stirling, but USD are OK

...  
Frank G3YCC

-----  
Date: Sat, 17 Jul 1999 08:52:42 -0700 (PDT)  
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>  
To: zlau@arrl.org  
Cc: qrp-l@lehigh.edu  
Subject: [45378] Re: [45256] Re: Yagi Questions  
Message-ID: <199907171552.IAA24798@netcom11.netcom.com>

Thanks for the information. This is a request that I'd just posted to the VHF list on the subject. Input from this list would be gratefully accepted, especially the matching network questions.

73, doug

Date: Fri, 16 Jul 1999 16:00:52 -0700 (PDT)  
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>  
To: vhf@w6yx.stanford.edu  
Subject: Simple 6 meter beam questions

I'm looking for information on building a simple 6M beam, with an emphasis on cheap.

The 3 and 5 element beams described in the 1999 Handbook on 20.57-8 seem like a good starting points, but I'd like to make them lighter, cheaper and more easily transported by using smaller tubing and through-boom element mounting, with easy assembly. My thoughts are to

use 3/8 tubing for most of the length of the element, with a short center section of the next larger size tubing attached through the boom, and the feed arrangement also attached to the boom and center section. I'd like to put the plexiglass rod directly through the boom.

Does smaller diameter of the elements mean that they're shorter or longer? What are the critical dimensions of the feed arrangement? How does the diameter of the boom affect these dimensions? Is spacing affected by smaller elements?

73, doug

-----  
Date: Sat, 17 Jul 1999 11:21:35 -0500  
From: "Chuck Adams K5FO" <adams@ticnet.com>  
To: qrp-l@lehigh.edu  
Subject: [45379] Beta Testers 20-25 WPM CD  
Message-ID: <E115W5u-0001hu-00@pop3.ticnet.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Gang,

Sorry that I didn't have individual email addresses. The CDs went out in today's mail. Delay caused by a problem that I thought was my code, but turned out to be a page swapping problem as I was pushing the memory to the limit. I can't tell you how much time I spent chasing this down because of the code modifications that helped other things in getting dual tracks, i.e. mono per side or channel. I looked at all the audio visually to track down the problems and there just might out of 140 mins be a few mS blips, but just treat it as QRN. :-)

The CD goes from 20 to 25 wpm in 140+ minutes with 10 tracks of audio. I slipped in some ( and ) and ' symbols to keep you on your toes.... :-)  
When you learn these please use the audio and not memorize them with dots and dashes, please. Pretty please. Oh how I miss UPI, AP, and the others....

In doing this plain text you will learn something besides  
higher speed morse here.... :-)

And those of you with CD burners. Ever listen to  
30 meters with the thing running??? RFI galore.

There are three ways to copy Morse. Pencil,  
keyboard, and in the head. Each requires a slightly  
different process and practice. IMHO I think that  
everyone should be able to do some of each. You  
don't have to be a speed demon, but practice makes  
perfect. I still write down every word of almost every  
QSO and for some reason have done this for 42 years.  
Old habits are hard to break. I find it helps in  
doing QSL cards later.....

I have a quiz for you when I get back from Tuthill.  
Study for it.

OK, the pile in the floor is dwindling at the K5FO QTH.  
And the USPS made almost another \$200 today. :-)

FYI

.. <---- little bitty dit dit

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo/>

-----  
Date: Sat, 17 Jul 1999 09:59:46 -0700 (PDT)  
From: Monte Stark <ku7y@dri.edu>  
To: Low Power Amateur Radio <qrp-1@Lehigh.EDU>  
Subject: [45380] Logging software info  
Message-ID: <Pine.GS0.4.10.9907170958170.26974-1000000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

This is from the contest reflector and I post here in case  
anyone in this group is writing any contest software.

cul,

73, Ron,        SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

----- Forwarded message -----

Date: Fri, 16 Jul 1999 16:07:21 -0400 (EDT)  
From: Trey Garlough <trey@kkn.net>  
To: cq-contest@contesting.com  
Subject: [CQ-Contest] status report on ARRL log format, etc

I have been working with a number of contest logging software authors and contest sponsors to come up with some kind of "standard" for electronic log submission that everyone can live with, the contest sponsors, the software authors, and the contest community itself. In addition to specifying a way to represent QSO data, it specifies incorporation of summary sheet data into the log as well.

Thus far I have received feedback from K5FUV, N1ND, K3EST, K2MM, W5XD, K8CC, EI5DI, WF1B, KA5WSS, N6TR, K1EA, AE6Y and S56A, all cooperative and helpful and in ham spirit, and I have solicited the comments of many others. If you operate contests using software produced by someone not on this list, please drop me a note with their email address and I'll (re)contact them. Many thanks.

--Trey, N5K0

--

CQ-Contest on WWW: [http://www.contesting.com/\\_cq-contest/](http://www.contesting.com/_cq-contest/)  
Administrative requests: [cq-contest-REQUEST@contesting.com](mailto:cq-contest-REQUEST@contesting.com)

-----

Date: Sat, 17 Jul 1999 11:04:19 -0700  
From: "Francis Callahan" <colcal@srv.net>  
To: <QRP-L@lehigh.edu>  
Subject: [45381] Trade for MFJ9020  
Message-ID: <199907171702.LAA29357@srv.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I have for trade a Bushnell Sapacemaster 2 spotting scope with 15X to 45X



zoom lens plus a 22X wide angle lens includes tripod and case. Like new condition, want a late model MFJ 9020 CW Xceiver with the filter directly direct to colcal@srv.net 72 Cal KF7ET

-----  
Date: Sat, 17 Jul 1999 12:07:06 -0500  
From: "Chuck Adams K5FO" <adams@ticnet.com>  
To: qrp-l@lehigh.edu  
Subject: [45382] OT: QRO and audio phononema topics  
Message-ID: <E115Wnz-000575-00@pop3.ticnet.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Gang,

First, in defense of QRO operations. There is one time that I will do QRO, but can't at this QTH due to antenna and ground limitations. And that is for QRQ operations, QRO is a must. You need a significant S/N ratio for it to work with high accuracy. That is one of the reasons you don't ever see me doing high speeds on the air except when both sides are 599+. It just won't work any other way. Listen around 7.028MHz and other gathering places for the last of the QRQ stations. They won't be weak..... :-)

Go to the ARRL Handbook and look up bandwidth. Calculate BW for 15WPM, 20WPM, and 60WPM CW. Now figure the power per KHz for each using 1W, 5W, 50W and 500W.

Come back and assume that for SSB the BW is 3KHz. Calculate the same power per KHz number for all the power levels above.

What did you learn? That is why at high noise levels I ask some people to QRS. Some people will QRQ thinking that the shorter elements will sneak in between the QRN crashes, but I find that doesn't work for me. Mileage may vary.

Second. I was about to go out the door and back to R/S. :-) I was wondering how in the world could they not make a "book cassette" adapter that didn't have good channel separation. I was listening to the 20-25wpm CD and I could hear the opposite channel in the background at reduced level. Hmmm. Crosstalk? This on Discman from Sony.

So, took CD to large CD player on home system. No crosstalk with balance control at either extreme. Hmmm.

OK, have a new Aiwa CD player with 40 second electronic anti shock system. Now here is the interesting part.

1. With no anti shock, no crosstalk with R/S adapter.
2. With 10 second anti shock, hear a little.
3. With 40 second anti shock, hear more crosstalk.
4. Go back to Sony Discman, D-121, an old model, and sure enough crosstalk.

So, the audio industry doesn't do things as well as we would all hope. With music this isn't a critical item and most people wouldn't run across this, but hey we're QRPers and the little things matter.... But they do low noise audio amps better than anyone.

Yet another experiment going down the road.

Oh, for the 20-25 wpm cds. Start left channel and go until the end....

de the K5FO Labs

dit dit

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo/>

-----  
Date: Sat, 17 Jul 1999 11:53:18 -0500  
From: "Randy Jouett" <rules@bellsouth.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [45383] Fw: Low Power experiment  
Message-ID: <008401bed076\$e0485e30\$a066d6d1@spock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Randy Jouett <rules@bellsouth.net>  
To: kj5tf@yahoo.com <kj5tf@yahoo.com>  
Date: Saturday, July 17, 1999 11:49 AM  
Subject: Re: Low Power experiment

-----Original Message-----

From: Jim Hale <kj5tf@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Saturday, July 17, 1999 9:44 AM  
Subject: re: Low Power experiment

Hi Jim/Ed/Gang,

I've been doing the milliwatt thing for a couple of years now, and it's a blast! I do all my milliwatting on 40, btw. Another 40-mtr milliwatter is K5TF. He wouldn't be your dad by chance? :^) :^). His name is Dick, and he hangs around 7.040. He's trying for WAS QRPp, btw, so you mite want to get on 40 some time and give him a call.

>Its like discovering QRP all over again.

My dad and I built a 5W 40-meter rig out of the 1968 handbook in the early 70's, and when we fired it up the final went south. (If you build this rig, don't build that \$!@#%\$!@ power supply! Use a decent 12-volt supply and save yourself a lot of time and hassle!). Anywho, my dad decided that we were going to bypass the final and put the oscillator straight thru' to the antenna jack. He said that he use to do this as a novice in the early 50's. Anywho, it chirped like all get out, and 335 and such was a common signal report :^). He eventually fixed the problem, but a lot of his friends told him to put

the chirp back because it made him stand out and was easier to copy (LOL!). Go figure :^).

He did wind up working 22 states, and he use to emphasize "and Canada twice!" a lot at the breakfast table :^). I wound up with about 15 states, Mexico, Canada, and Cuba. Of course I rubbed it in and mentioned that I worked more DX than he did :^). One of his practices was to ask me, "Randy? Have you done your homework?" when I wanted to get on the air and try to beat his state score. He had a big grin on his face when he asked that question, and it was an on-going joke for many years after :^).

>Makes answering CQ's more interesting, and contests  
>too. Call everyone, but the strongest stns are your  
>best bet. Memories of a DL stn comeing back with my  
>call when he was only 559 and I was 40mW are still  
>with me!

Talk about interesting! Most people can't believe that I'm running 250mW's. This usually starts up a conversation that goes way beyond name, location, signal report, antenna, weather, 73, see ya' further down the log, etc. Most of the milliwatt signals that I've heard on 40 are homebrew, btw.

I'm running The Michigan Mighty Mite and using a single 2N2222A for a final. I've added a couple of mods, including low-pass filter, bypass cap on the emitter, and I rebiased for lower output. I also have another 2N2222A that I can put in parallel for extra amplification (if needed) which bumps up the output to 500mW's :^). The funny thing is that I feel "guilty" when I have to turn on the "amp" :^). If I ever run over 1 watt again, I think I'll have to do a couple of Hail Mary's and go to confession :^).

I did have a heck of a lot of problems trying to get the chirp out when I switch the 2nd 2N2222A into the circuit, because the emitter lead of the 2nd 2N2222A was too long. I solved this problem by putting the SPST switch on the PC board right next to the emitter and straight to ground.

>Are you ready to attempt mW WAS?

I don't know about Ed, Jim, but I'll be trying for WAS QRPP on 40. From what I've seen so far, it should only take around

15-20 years to accomplish this feat :^). Who ever said that QRPPer's were pragmatic? :^).

>Some have said its  
>easier to work DX with milliwatts than stateside.  
>Theres something to this.

I'm sure that you are talking about 20, 15, and 10 here, Jim, and, on those bands, I would tend to agree with you. From my experience, this can't be said for 40 -- that's for sure :^).

>I know you are looking forward to the next CW DX test.  
>We can hunt up and down the packed bands. Finding the  
>lonely ones and working them first. The more popular  
>ones have there lonely moments to and we will call  
>them when they have no callers. Maybe near the end of  
>the contest.

>When you get down to single digit mW you may wonder if  
>you are doing ESP rather than CW!

Man -- you can say that again, Jim! I built a step attenuator a few weeks ago and talked to a station in Texas, and he couldn't believe that I was running 5mW's. Actually, I couldn't believe that I was making a contact at 5mW's! My signal report was a massive 249 :^).

>Soon more QRP folks will experience the joy of falling  
>in love with QRP ALL OVER AGAIN.

Too true!

72/73,

----

Randy Jouett, AB5NI

-----  
Date: Sat, 17 Jul 1999 13:10:02 -0400  
From: Mike Czuhajewski <wa8mcq@erols.com>  
To: QRP forum <qrp-l@lehigh.edu>  
Cc: George Heron <n2apb@erols.com>

Subject: [45384] Re cheap mixer lead  
Message-ID: <3790B8EA.204E@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

N2APB asked about a cheap mixer for the upcoming NJ QRP project, and the answer was already posted by me on qrp-l in late June. It's a surface mount part with little tiny stubs of metal sticking out of the sides of the body, but it's dirt cheap at \$1.99 in quantities of 10-49 (and should be less in the quantities that kit will use). It's a plastic body, which makes it cheaper than a fancy metal case--and if you're building something into a low tech box like an Altoids tin, does it really need to be hermetically sealed and nuclear hardened? :-)

The mixer is the MiniCircuits ADE-1, recently introduced; it "only" goes up to 500 MHz, but for most of us that's entirely acceptable.

George, I'll forward a copy of my posting by private mail to avoid clutter here (although it doesn't go into too much more detail).

--

73 and Queue Our Pea de WA8MCQ      wa8mcq@erols.com

-----

Date: Sat, 17 Jul 1999 10:18:35 -0700  
From: Wayne Burdick <n6kr@elecraft.com>  
To: wb5qyt@eFortress.com, qrp-l@lehigh.edu  
Subject: [45385] re: audio-out freq. counter for the SST (was: "info")  
Message-ID: <v0310280fb3b669d5d57b@[206.169.228.68]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Tom, I don't know about the Freq-Mite, but I designed the SST specifically so that you could put a Wilderness KC-1 memory keyer/audio-out freq. counter inside the box. The KC1's two buttons and keyer speed control face up on the top cover. This still leaves room for a 9V battery inside the case.

Note that the KC1, which I originally designed for the NorCal 40 in 1995, includes a "search" mode that allows you to use the keyer paddle to specify a target frequency. You can then turn the VFO knob and you'll be alerted by the KC1 when you get to the target.

73,  
Wayne  
N6KR

\* \* \* \*

Gang!

Has anyone put a Freq Mite in a SST? If so, let me know how easy it is.  
Thinking about ordering one.

72, Tom WB5QYT..."Have spud will travel!"

-----  
Date: Sat, 17 Jul 1999 13:19:10 -0400  
From: osier <osier@northnet.org>  
To: qrp-l@lehigh.EDU  
Subject: [45386] QSL printing programs  
Message-ID: <3790BB0E.32C8CA09@northnet.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello All!!!

Sorry about the bandwidth....

Looking for a QSL printing program.....Our contest club is doing a  
card up and cant  
afford the local printers (megabucks!!!!).....So if anyone knows of a  
site or program to  
download would be VERY helpful.....!!!!!!

Tnx es 73s!!

George Osier , N2JNZ/QRP

-----  
Date: Sat, 17 Jul 1999 10:27:58 -0700 (PDT)  
From: Monte Stark <ku7y@dri.edu>  
To: Tim Ahrens <tahrens@hilconet.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [45387] Re: Length of ladder line  
Message-ID: <Pine.GS0.4.10.9907171026120.26974-1000000@rotor.dri.edu>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 16 Jul 1999, Tim Ahrens wrote:

> Anybody use long lengths of ladder line (>200 feet)?  
>  
> Too long?  
> Comments?  
>

Hi Tim,

If I remember right, W6AM, Don (SK) had much longer runs  
to some of his rhombics.

Most of his was true "open wire" but it sure didn't hurt  
his sig!

73, Ron,       SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----

Date: Sat, 17 Jul 1999 13:36:50 -0400  
From: Mike Czuhajewski <wa8mcq@erols.com>  
To: QRP forum <qrp-l@lehigh.edu>  
Subject: [45388] MiniCircuits application notes  
Message-ID: <3790BF32.2E33@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Speaking of MiniCircuits, they have a series of application notes on  
their web page that contains some useful info on a variety of devices  
which homebrewers and designers might find helpful. These include things  
like mixers, directional couplers, power splitter/combiners, electronic  
attenuators, etc.

The URL is [www.minicircuits.com](http://www.minicircuits.com), then click on Application Notes and  
choose from that menu.

--



73 and Queue Our Pea de WA8MCQ      wa8mcq@erols.com

-----  
Date: Sat, 17 Jul 1999 17:54:03 GMT  
From: "Richard Arland" <r\_arland@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [45389] PM-3A For Trade  
Message-ID: <19990717175403.73818.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

That's right! The PM-3A is on the block. They're cute (like Tribbles and just about as useful) and they are semi-rare.

My PM-3A has a 1/4 inch phone jack in the front, between the volume and resonate controls, and a SO-239 on the back in place of the RCA phono connector for antenna. Other than that it is stock.

It works well (as well as any of them can) and covers 40 & 80 meters with semi-break in keying. "Manual" included. Cosmetic condx: 6 to 7. All original knobs.

I hve used it to make a few QSOs on both 40 and 20, but need a single bander to take on trips with me.

Therefore, if anyone has a RED HOT Radio (NorCal-20 version) or something similar, drop me a personal e-mail and we may be able to make something work.

73 Rich K7SZ

-----  
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-----  
Date: 17 Jul 99 14:04:34 EDT  
From: Roy Lincoln <wa4dou@usa.net>  
To: qrp-l@lehigh.edu  
Subject: [45390] QRP rigs F.S.  
Message-ID: <19990717180435.17830.qmail@nwcst282.netaddress.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable  
Content-Transfer-Encoding: quoted-printable

Hi Gang,

As my antenna,tower plans are unfolding and coming to fruition, i find

myself thinking a lot about a K2 or another new rig.

Still a lot of disorder from my recent move into a new home, many of my manuals, etc. are still in hiding, so i can't think about selling more till i find them.

Have the following that i'm interested in selling at the moment.

1)OHR-400 kit, not assembled, complete in all respects.- \$250 prepaid s/h in lower 48

1) MFJ-9015 VGC, with manual and may have the box.-\$100 s/h prepaid in = lower 48

Thanks es 72 de Roy Lincoln WA4DOU Elm City,N.C.

-----  
Get free e-mail and a permanent address at <http://www.netaddress.com/?N=3D=1>

-----  
Date: Sat, 17 Jul 1999 13:17:35 -0500  
From: John Sullivan <kg0mz@southwind.net>  
To: unlisted-recipients;; (no To-header on input)  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [45391] Re: QRP-L Archive CD v2 - STILL AVAILABLE  
Message-ID: <3790C8BF.4748C9A8@southwind.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Also available in Zeroland with no real deadline. If you have a CD drive and if you are a qrper, well, what are you waitin' for?

72 de kg0mz in wichita qrp-l #764

-----  
Date: Sat, 17 Jul 1999 18:30:55 +0000  
From: Kirk Job Sluder <csluder@indiana.edu>  
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>

Subject: [45392] Digital project idea  
Message-ID: <3790CBDF.476DAD6F@indiana.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I'm working my way through the Small Wonder Labs DSW-40 kit when this idea popped into my head.

For those of you who can't have this kit, the DSW uses a Direct Digital Synthesis chip to create both the LO frequency and the broadcast frequency. The DDS switches between the two frequencies for transmit and receive.

My thought about this (speaking entirely as someone who has never designed a radio before) was that this idea could also be adapted for use as a modulator (perhaps even a demodulator) for FSK and OOK digital modes on, 30M for example. My idea is that rather than using a modem to feed an audio signal, one could generate the RF tones directly.

Of course, I imagine this has already been done in some fashion. Anyone know of any similar projects?

--

Kirk Job Sluder (csluder@indiana.edu)  
KB9TUT

-----

Date: Sat, 17 Jul 1999 14:38:29 -0400  
From: "Tim Cook" <timcook@erinet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [45393] FS: SW-40 (Unique packaging)  
Message-ID: <064901bed083\$93019440\$907f5acf@timcook.erinet.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I have for sale a SW-40 with a KC-1 packaged in a heavy duty diecast box. It uses a "slider" control for the vfo and actually works as well or better than a conventional pot. the freq coverage is 7.000 to 7.048 . It runs off external 12v or internal AA batteries (10ea). Power output is about 1.5 to 2 watts on internal batteries and 1 watt on 12vdc. I haven't tried to peak it

up, it works great as is and batteries last longer. It just came back from a trip to the mountains in upstate NY where I used a dipole at about 15 feet and made 20 to 30 qso's with no problem. The kc-1 makes it real nice to know your frequency and is also a memory keyer. The radio was built by Rich Arland K7SZ and he may mention it in his latest QRP book. I will ship it complete with the SW-40 manual (i do not have the manual on the KC-1, but do have a list of commands it uses) in the lower 48 for \$85 or will consider trades on qrp gear....(want to try a DSW-40)

73's

Tim

NZ8J

-----  
Date: 17 Jul 99 11:52:07 PDT  
From: Michael Fletcher <kl7ixi@usa.net>  
To: qrp-l@Lehigh.EDU  
Subject: [45394] Ladderline feed  
Message-ID: <19990717185207.10470.qmail@www0n.netaddress.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable  
Content-Transfer-Encoding: quoted-printable

I didn't know that ladderline wasn't supposed to be close to metal, nor the excess coiled up until the Cascade QRP Club came to the home 40 for a field day operation last year and saw my setup. I had the sliding metal window slammed hard against the ladderline and the last 20 feet rolled as a 3 ft= diameter coil next to the operating table. My 40 meter extended double zepp and my Sierra netted me Korea on 40 meters and some other nice DX on other bands.

Theory aside, I wasn't going to fix what wasn't broken.

72,  
Mike KL7IXI/4  
Norcross, GA

-----  
Get free e-mail and a permanent address at <http://www.netaddress.com/?N=3D=1>  
-----

Date: Sat, 17 Jul 1999 15:27:26 -0400  
From: "Tim Cook" <timcook@erinet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [45395] FS: EICO Model 715 Trans/MAach -Ham-CB Tester  
Message-ID: <065101bed08a\$69721120\$907f5acf@timcook.erinet.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Have too many similar gadgets, so I am selling what can be a very nice addition to the qrp shack. This is an oldie but goodie from the 60's. The operating instructions indicate 1966. It comes complete with original assembly manual and operating instructions. It is an EICO Kit Model 715 Trans/Match Ham-CB Tester according to the manual. It is NOT a transmatch as most people think of as in a tuner. It is a transmission and matching tester. It measures forward and reflected power, SWR, power in 10W and 50 W scales, Mod % , and is a very sensitive Field strength meter with a telescoping antenna on top. It also has a 25W built in dummy load which you can switch in and out of line. You can leave the meter in line and switch the dummy load when you want it. It is good condition with some wear on the case edges, but no dents or dings. It has all original knobs and seems to work well. It probably could use a good calibration, and all alignment procedures are included.

I will ship it for \$50 in the lower 48, or trade for other qrp goodies  
Tim  
NZ8J

-----  
Date: Sat, 17 Jul 1999 19:35:36 -0500  
From: "Robert G. Seymour" <bobsey@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [45396] THANKS  
Message-ID: <19990717.193540.6846.0.BOBSEY@juno.com>

Reading through one of my quarterlies today set me to thinking (GASP) about all the work it must take to get one to me. All the publishers, editors, authors, proof readers, staplers of pages, computer guys and the like whose work has not been fully appreciated, at least by me. It takes real dedication on their part and without it we QRPers would be the poorer for it.

Anyway, I just want to say THANK YOU to all those who make our QRP world a better place.

72/73 Bob WOLK

-----  
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-----

Date: Sat, 17 Jul 1999 15:57:14 -0400  
From: K4AHK@ix.netcom.com  
To: bobsey@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [45397] Re: THANKS  
Message-ID: <3790E011.4E2@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Well said, Bob. And remember - all that work putting out the QRP Quarterly is done by volunteers who work for the fun of it. The only people who get money are the printer and post office. All of us who enjoy reading the various QRP publications owe the volunteers a HUGE vote of thanks.

Bill - K4AHK

-----  
Date: Sun, 18 Jul 1999 07:59:27 +1200  
From: barry kirkwood <bjk@ihug.co.nz>  
To: qrp-1@Lehigh.EDU  
Subject: [45398] Hash  
Message-ID: <199907171959.HAA29222@smtp2.ihug.co.nz>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

My telephone/answerphone/fax machine puts out broad band hash (peaks around 21mHz) via the telephone line connection. Am looking for an in-line filter, preferably one that is physically close to the output terminal of the device which uses standard telephone to line plug.

Can anyone with experience with this sort of problem advice me on a good filter supplier?

No such products seem available in ZL

Please reply direct so as to keep channel clear.

Thanks & 73

Baz ZL1DD  
end  
Barry (Baz) Kirkwood PhD ZL1DD ex ZL1BN, ZL40K etc  
Signal Hill  
66 Cory Road  
Palm Beach  
Waiheke Island 1240  
NEW ZEALAND  
www.waiheke.co.nz/signal.htm  
Ph/Fax 64-9-372-5161

-----  
Date: Sat, 17 Jul 1999 15:10:24 -0500  
From: "Charles Hamel" <cdhamel@pdq.net>  
To: "QRP List" <qrp-l@Lehigh.EDU>  
Subject: [45399] UTC or ZULU  
Message-ID: <006f01bed090\$6c15f940\$e0e690d1@cdhamel>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="windows-1250"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Forgive me for asking a stupid question but I am letting a simple time conversion get the best of me. What is the difference in UTC and ZULU if any?? and is there a computer program that converts CST to UTC??

Thanks

Charles  
KC5DXQ - Norcal Zombie - HQRP- QRP-L #1919  
<http://www.angelfire.com/de/kc5dxq/index.html>

-----  
Date: Sat, 17 Jul 1999 20:24:18 GMT  
From: "Richard Arland" <r\_arland@hotmail.com>  
To: cdhamel@pdq.net, qrp-l@Lehigh.EDU  
Subject: [45400] Re: UTC or ZULU  
Message-ID: <19990717202419.90098.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>From: "Charles Hamel" <cdhamel@pdq.net>

>Forgive me for asking a stupid question but I am letting a simple time  
>conversion get the best of me. What is the difference in UTC and ZULU if  
>any?? and is there a computer program that converts CST to UTC??

Charles:

There is no difference between Zulu and UTC or, the antiquated "GMT"  
designations. They all reference the time at the Prime Meridian.

Zulu is more properly used in military and aeronautical circles  
whereas UTC is preferred by the folks at the Nat'l Bureau of Standards.  
GMT is still in use in Europe.

All three mean the same, so feel free to use whichever term you like.

73 Rich K7SZ

-----  
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-----  
Date: Sat, 17 Jul 1999 16:33:51 -0400  
From: "Ron Polityka" <wb3aal@talon.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [45401] NorCal Capacitor kit  
Message-ID: <056e01bed093\$aeab89c0\$77e508cf@wb3aal>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello,

Can anyone tell me if they are still taking orders for the  
2nd run of the capacitor kit.

Thanks,

72 & 73  
Good DXing  
Ron de WB3AAL



wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv  
[http://www.kpsnet.com/wb3aal/Start\\_Page.htm](http://www.kpsnet.com/wb3aal/Start_Page.htm)  
Eastern Pennsylvania QRP Club Call --> N3EPA

|                 |               |
|-----------------|---------------|
| EPA QRP #1      | NJ QRP #179   |
| KL7 QRP # 309   | G-QRP # 3031  |
| ARCI QRP # 5318 | 10 - X #13173 |
| NorCal #        | Zombie #625   |
| Bumblebee #15   |               |

SETI @ Home Project  
<http://setiathome.ssl.berkeley.edu>

-----  
Date: Sat, 17 Jul 1999 16:52:58 EDT  
From: Richard Rood <fcsww@juno.com>  
To: cdhamel@pdq.net  
Cc: qrp-1@Lehigh.EDU  
Subject: [45402] Re: UTC or ZULU  
Message-ID: <19990717.165221.5063.1.fcsww@juno.com>

Charles,  
To follow up, since your first question was  
answered very satisfactorily.  
The best "computer program" for converting  
Central Time to UTC is in your head.  
All you need is the number 5 and the awareness  
that its LATER in the day in the UK - where Greenwich  
is - by that amount.

i.e. 1600 CDST = 2100 GMT (4pm vs. 9pm)

Caution: Watch out for that old bugaboo  
daylight saving time! You will be 6 hours  
from Greenwich in the Autumn and through  
to Spring.  
Hope this helps.  
dick, w2scf

On Sat, 17 Jul 1999 15:10:24 -0500 "Charles Hamel" <cdhamel@pdq.net>  
writes:  
>Forgive me for asking a stupid question but I am letting a simple time  
>conversion get the best of me. What is the difference in UTC and ZULU  
>if

>any?? and is there a computer program that converts CST to UTC??  
>  
>Thanks  
>  
>Charles  
>KC5DXQ - Norcal Zombie - HQRP- QRP-L #1919  
><http://www.angelfire.com/de/kc5dxq/index.html>  
>  
>

---

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-----  
Date: Sat, 17 Jul 1999 17:06:29 EDT  
From: N0tk@aol.com  
To: n4xy@att.net, qrp-l@lehigh.edu  
Subject: [45403] RE: If you don't try, you'll never know  
Message-ID: <5a112739.24c24a55@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

At the risk of furthering the debate, here's my 0.02 worth.

I agree that part of the joy of QRP operation is in accomplishing the difficult under difficult conditions. I also agree that QRP operation improves one's operating skills.

Most of the DX I have worked with 4w to an indoor dipole have been stations who are of the \$1000 finals group. Without that investment on their end, I doubt the contacts could have been made.

The end result is what you carry away from each QSO, not the equipment or attitudes of the participants.

72  
Dan N0TK

-----  
Date: Sat, 17 Jul 1999 20:10:14 -0500  
From: "Robert G. Seymour" <bobsey@juno.com>  
To: qrp-l@lehigh.edu

Subject: [45404] Tim Ahrens <tahrens@hilconet.com>: Length of ladder line  
Message-ID: <19990717.210353.6846.3.BOBSEY@juno.com>

----- Begin forwarded message -----

From: Tim Ahrens <tahrens@hilconet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: Length of ladder line  
Date: Fri, 16 Jul 1999 20:31:48 +0000  
Message-ID: <378F96B4.21388C26@hilconet.com>

Anybody use long lengths of ladder line (>200 feet)?

Too long?  
Comments?

Thanks,

Tim W5FN

----- End forwarded message -----

I find that if the ladder line is long enough to reach from here to there  
it is just right. Mine is 200+ feet to an 80 meter delta loop.

Bob, W0LK

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Sat, 17 Jul 1999 13:56:50 -0700 (PDT)  
From: Stanley Wilson <microres@crl.com>  
To: qrp-1@Lehigh.EDU  
Subject: [45405] EMTECH did someone have an address ?  
Message-ID: <Pine.SUN.3.91.990717135420.5282A-100000@crl.crl.com>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I thought recently that someone said EmTech still would ship kits ?

Web site on qrp-1 comes back as gone and the phone I have is no good.

Anywho I would like to have one of the audio filter kits if anyone has  
one they would sale or could tell me how to get one from EmTech

thanks de stan 73

-----  
Date: Sat, 17 Jul 1999 16:25:15 -0500  
From: Dave Sjolin <sjolin@swbell.net>  
To: microres@crl.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [45406] Re: EMTECH did someone have an address ?  
Message-ID: <3790F4BB.E4BEC989@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Stanley Wilson wrote:

>  
> I thought recently that someone said EmTech still would ship kits ?  
>  
> Web site on qrp-l comes back as gone and the phone I have is no good.  
>  
> Anywho I would like to have one of the audio filter kits if anyone has  
> one they would sale or could tell me how to get one from EmTech  
>

Try this URL. Worked for me a minute ago. 73 de Dave, N0IT

<http://emtech.steadynet.com/>

-----  
Date: Sat, 17 Jul 1999 15:33:00 -0600  
From: "Rod Cerkoney" <rlwc@frii.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [45407] WHAT A DAY!!!  
Message-ID: <000c01bed09b\$f68d0d60\$c68611d8@compaq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

First the NCARC Superfest: I pick up a nice Arrow satellite antenna for some 1/2 vhf/uhf mountain topping. Then I nab a used but like new MFJ-259B for \$210! Some PL259s and Ant. standoffs, all new, dirt cheap, and 2 Doug Demaw QRP books!

Back home, I put the finishing touches on a NorCal 20 for tomorrows CQC Gold Rush sprint.

Check the mail, Ed's Tuna Tin 2 QSL/Certificate awaits! Thanks Ed, mine is on the way to you.

Now to relax, tidy the work bench, and "Melt First Solder" on my K2.

WHAT A DAY!!!

---

72/3 Rod, N0RC  
da di dah

-----

Date: Sat, 17 Jul 1999 15:39:32 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: CQCList@cqc.org, qrp-l@lehigh.edu  
Subject: [45408] Still MORE CQC picnic pix  
Message-ID: <199907172138.PAA30017@edison.chisp.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Found some more pix from the CQC picnic-- QLF contestants who need to be seen to be believed. They're at <http://www.cqc.org/gallery/picnic99>

A report on the picnic, and in particular the Run For the Trees, will follow shortly.

Hope to see everyone in the Gold Rush tomorrow...

73

Marshall Emm  
N1FN/VK5FN  
n1fn@MorseX.com  
Morse Express and Oak Hills Research  
"Everything for the Morse Enthusiast"  
<http://www.MorseX.com>  
<http://www.ohr.com>  
(303)752-3382

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End of QRP-L Digest 1521

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